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Ontario Geological Survey
Open File Report 6108

Preliminary Results from the James Bay Lowland Indicator Mineral Sampling Program

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ONTARIO GEOLOGICAL SURVEY

Open File Report 6108

Preliminary Results from the James Bay Lowland Indicator Mineral Sampling Program

by

D.C. Crabtree

2003

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**Miscellaneous Release—Data 119

Preliminary Indicator Mineral Results from the James Bay Lowland Sampling Program;
by D.C. Crabtree

This release consists of data related to kimberlite indicator minerals (KIMs), metamorphic/magmatic massive sulphide indicator minerals (MMSIMs®) and gold grains recovered from 1083 modern alluvium samples collected in the James Bay Lowland. These data are being released in conjunction with Open File Report 6108. Files on this release contain information on sample site locations, mineral processing results for KIMs, electron microprobe data for garnet KIMs, mineral processing results for MMSIMs®, gold grain results, and additional useful information not included in OFR 6108 such as tabling data and picking footnotes. The data are available as compressed files in ASCII (*.txt*) and Microsoft® Excel (*.xls*) file format on one 3.5-inch MS-DOS® diskette.

Abstract

In 2001, under the Operation Treasure Hunt (OTH) program the Ontario Geological Survey (OGS) carried out a stream sediment sampling program in the James Bay Lowland. The prime objective of this survey was to evaluate the potential of this structurally favourable region to host additional kimberlites to those currently known. To achieve this goal a total of 1083 stream sediment samples were collected from numerous major rivers and associated tributaries. The samples were processed for kimberlite indicator minerals (KIMs), metamorphic/magmatic massive sulphide indicator minerals (MMSIMs®*) and gold grains.

The results of this survey suggest the presence of a single intense KIM anomaly that is traceable from the vicinity of the known Jurassic kimberlites on the Attawapiskat River, southwest to the Albany River on the southern boundary of the survey area, a distance of approximately 200 km. No other similar KIM dispersion halos were observed in the study area. The maximum number of KIMs observed in a single sample, collected in the vicinity of the kimberlites, exceeded 125 000 estimated grains for the 0.25 to 2 mm heavy mineral size fraction. Less significant anomalies were observed in the west part of the survey area and it is suggested here that these areas are worthy of a follow up investigation since the Quaternary stratigraphy in much of the James Bay Lowland is poorly understood. It is possible that a combination of poorly incising rivers and deep glacial drift could have the effect of suppressing KIM signatures in these areas.

The MMSIMs® results revealed the presence of an interesting barite + sphalerite anomaly in the Swan River area, approximately 18 km inland from James Bay. While the true significance of this anomaly is not known it is suggested here it could be associated with Mississippi Valley type (MVT) mineralization, and as such, should not be overlooked. The heavy mineral data also revealed the presence of a large chromite anomaly that occurs in the west part of the survey area that is probably associated with a large mafic complex in the vicinity of Fishtrap Lake. This area should be considered as a important target for PGE exploration. Other interesting areas that produced modest numbers of chalcopyrite and gahnites also occur in the west part of the survey area. These areas are highlighted in the report.

* MMSIM is a registered trademark of Overburden Drilling Management Limited, Nepean, Ontario

Preliminary Results from the James Bay Lowland Indicator Mineral Sampling Program

D.C. Crabtree
Ontario Geological Survey
Open File Report 6108
2003

Introduction

The discovery of the Jurassic kimberlite diatremes in the vicinity of the Attawapiskat River during the 1980s has fuelled speculation that this region exhibits a highly favourable basement/tectonic setting for the emplacement of kimberlites and therefore warrants further exploration. In order to evaluate the potential of this area to host other kimberlites, a regional stream sediment sampling program was carried out over the James Bay Lowland during the summer of 2001. Due to time constraints, the project was planned so that numerous major rivers systems and tributaries could be sampled within a relatively short field season. To achieve this goal the sampling was carried out by the Albany, Kasheshewan and Attawapiskat First Nations under the supervision of the Ontario Geological Survey. A total of 1083 stream sediment samples were collected over an area that covers approximately 100 000 km^2 of the James Bay Lowland (Figure 1).

This report is intended to present the preliminary results of this work. Due to the large numbers of indicator minerals recovered from some of the samples, microprobe analysis has only been completed, to date, on the garnet grains. Therefore, it was decided that the raw indicator mineral counts, together with the microprobe data for the garnets, should be released as a preliminary data set with the remaining electron microprobe analysis to follow at a later date. It should be noted that the identification of the unanalysed mineral types described within this report is based solely on the skills of the individual doing the mineral picking and is not supported by chemical analysis. However, it is the opinion of the author that the success rate for identifying other key kimberlitic indicator minerals, such as Mg-ilmenites, has traditionally been very good. It can be stated here with confidence that the interpretation of the distribution of the Mg-ilmenite data presented here is not to change greatly after the completion of the microprobe analyses. The microprobe data will, however, provide additional important information on the potential of a particular area to host diamonds.

Location and Area Sampled

The extent of the area sampled can best be defined as a region west of James Bay that falls between longitudes 87° 0′ 10″ W and 81° 31′ 44″ W and latitudes 50° 52′ 54″ and 54° 28′ 37″. A total of 1083 modern alluvium samples were collected together with 57 sample duplicates for quality control purposes. Sample site locations (Figure 2, backpocket) are distributed throughout the following 1:250 000 National Topographic System (NTS) map sheets; 42J, 42O, 42N, 43A, 43B, 43C, 43D, 43E, 43F, 43G and 43K.

Physiography

The survey area falls mainly within the Hudson Bay Lowland physiographic region as defined by Bostock (1971), and is best described as an area of low relief with extensive organic deposits and subdued glacial features. Bedrock outcrop in the region is sparse, although is more prevalent in the west portion of the survey area where the Paleozoic rocks of the Hudson Bay Lowland gradually give way to the Archean rocks of the Severn Uplands.

A total of 10 major river systems were sampled as part of this survey; these include the Swan, Ekwan, Attawapiskat, Muketei, Missisa, Lawashi, Kapiskau, Atikameg, Albany and Stooping Rivers. Sampling was also carried out on some of the smaller rivers including the North Washagami, Winnipeg, Neshskotayow, Wolf, and Cheepay rivers, and well as some smaller tributaries. Each of these river systems drain east toward James Bay. Samples were also collected on Sutton Lake in the northern part of the study area. This lake drains northward along the Sutton River, which, in turn discharges into Hudson Bay.

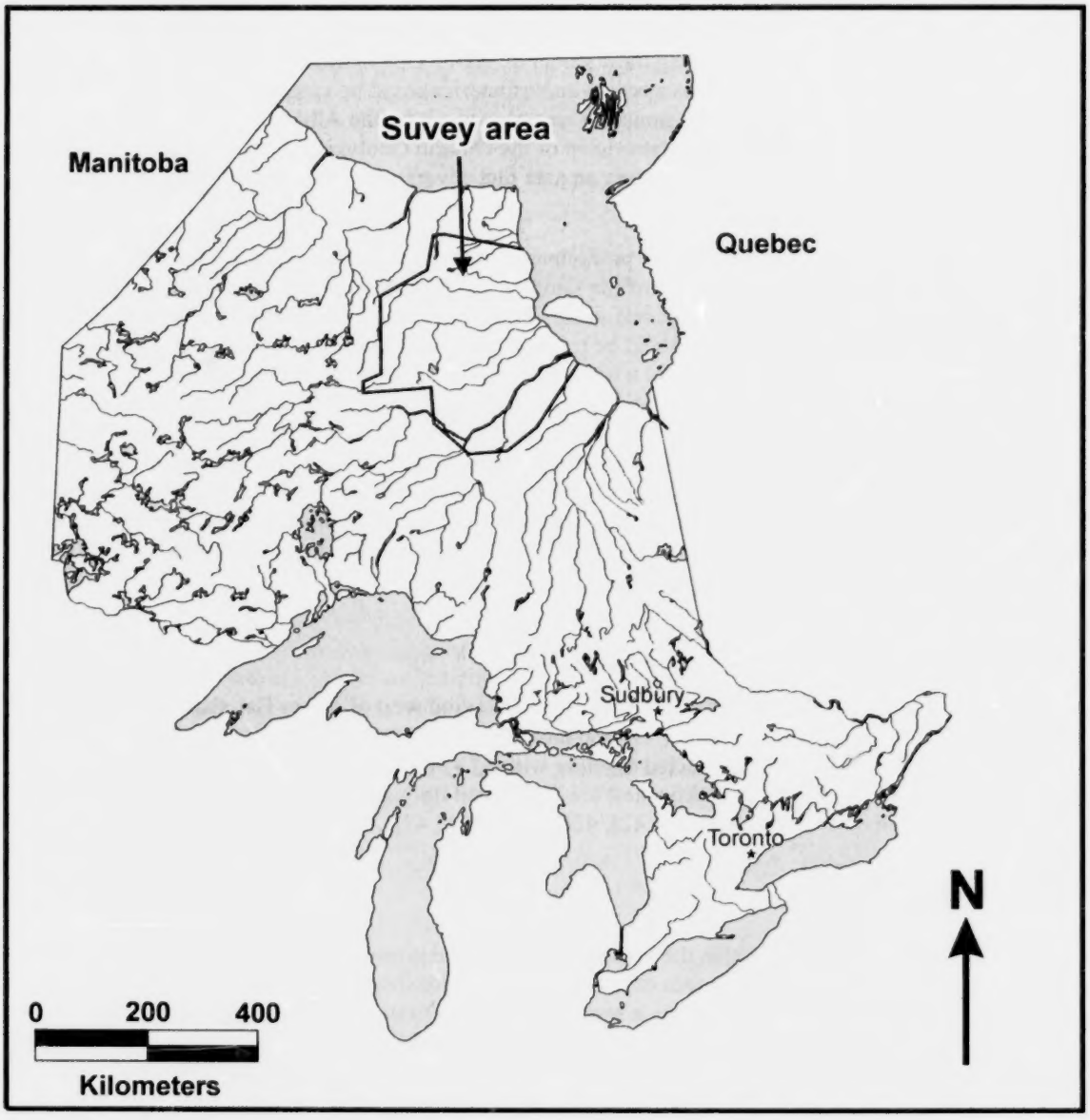

Figure 1. Location of the James Bay Lowland survey area

Geology of the Survey Area

BEDROCK GEOLOGY

Most of the survey area is located within the Hudson Platform and, as such, is underlain by Paleozoic sedimentary rocks. However, a few sample sites are located in the western part of the survey where the upper Attawapiskat, Muketei and Ekwan rivers traverse the Precambrian rocks of the Superior Province (Figure 3, backpocket). Samples were also collected in the vicinity of the Proterozoic Sutton Inlier, located in the northernmost part of the survey area.

The Paleozoic depositional sequence on the Hudson Platform started during Middle to Late Ordovician times and was, in part, controlled by a combination of orogenic and tectonic events as well as fluctuating sea levels. The initial Ordovician sediments are craton-derived clastic sediments which in turn are succeeded by carbonate-rich strata. By the Late Ordovician, regional uplift along the Cape Henrietta Maria Arch resulted in the development of 2 identifiable intercratonic basins, namely the Hudson Bay and Moose River basins. Subsequent deposition from the Silurian through to the Late Devonian, was controlled, in large part, by the location of these 2 depositional centres, and also by the onset of orogenic activity as well as marine incursion and regression. This depositional history is reflected in the sequences of clastic sediments, carbonates and evaporites that occur throughout the Hudson Platform. The detailed depositional history of Paleozoic sedimentation in this region is beyond the scope of this report, and for a more thorough account the reader is referred to Sanford (1987) and Johnson et al. (1992).

In the western part of the survey area the Paleozoic rocks give way to the Archean rocks of the Superior Province. Most of the samples collected in this part of the survey area were collected over the Sachigo Subprovince. Relatively few samples were taken over the Berens River Subprovince along the upper reaches of the Attawapiskat River. The bedrock geology in this area has been described as a granitic terrain in which belts and isolated areas of metamorphosed volcanic and sedimentary rocks are preserved (Thurston et al. 1979). A noteworthy mafic complex occurs in the vicinity of Fishtrap Lake between the Attawapiskat and Muketei rivers. It should be emphasized that much of the Precambrian geology in the western part of the survey area has been interpreted from aeromagnetic maps and, as such, is not well understood. Regional geological mapping west of the survey area has been completed at a scale of 1:506 880 by the Geological Survey of Canada (GSC) (Bostock 1962; Duffell et al. 1963) and at a scale of 1:253 440 by the OGS (Thurston et al. 1979).

The southeast trending Sutton inlier outcrops in the northern part of the study area. The Sutton Inlier has been correlated with the Trans Hudson orogen, which is thought to represent a 1.8 Ga collision zone between the Superior and Hearne provinces. The area is characterized by a granitic Archean basement complex along the southern margin, with Proterozoic rocks occurring along the crest and flanks of the inlier. In very general terms, the Proterozoic geology can be described as an older sequence of sedimentary rocks that is intruded by younger Proterozoic diabase and gabbro sills. Bostock (1971) mapped this area at a scale of 1:500 000 and provides a good overview of the geology. A total of 4 samples were collected over a northwest segment of the Sutton Inlier at Sutton Lake.

STRUCTURAL GEOLOGY

The most dominant structure in the survey area is the northwest-trending Winisk fault. This feature is aeromagnetically traceable beneath the Paleozoic cover rocks from the northwest through to James Bay in the southeast. Other important structures include the North Kenyon and Ekwan River fault zones, which are both west- to northwest-trending fault zones that traverse the westerly part of the survey area due south of the Winisk fault (see Figure 3, backpocket). Our current knowledge of major basement structures on the Hudson platform is limited and has been largely inferred from regional airborne geophysical data.

The proximity of the Jurassic Attawapiskat kimberlite cluster to the Winisk fault would appear to suggest that this structure may have provided a deep-seated emplacement mechanism for the intrusion of the diatremes. Stott and Halls (2002) have noted that the northwest alignment of the Attawapiskat kimberlites follow a trend similar to that of the northwest-trending Matachewan dikes in the vicinity of the Attawapiskat River. Furthermore, they speculate that the deep crustal fractures associated with these dikes were re-opened during subsequent displacement along the Winisk fault, providing what they term as "second order splays" near the Winisk fault along which the diatremes could have intruded. They argue that this type of modelling could be applied elsewhere along the Winisk structure to help identify prime targets for kimberlite exploration.

QUATERNARY GEOLOGY

Detailed surficial mapping coverage of the Hudson Platform is currently unavailable. A generalized Quaternary geology map for the study area is presented in Figure 4 (backpocket). This figure has been derived from the 1:1 000 000 coverage presented in the Geology of Ontario: Map 2553, Map 2554 and Map 2555 (Barnett et al. 1991a, 1991b and 1991c).

The Quaternary stratigraphy of the Hudson Bay Lowland is discussed at a very general level by Dredge and Cowan (1989). Unfortunately, detailed studies of exposures within the survey area are limited to a few sites on the Attawapiskat and Kapiskau rivers (McDonald 1968). More complete stratigraphic interpretations exist for the Moose River Basin to the south (Skinner 1973) and for the Severn and Winisk rivers to the northwest (Thorleifson et al. 1993). The interpretation of the Quaternary stratigraphy in this region is important due to the proximity of the Hudson Bay Lowland to the geographic centre of the Laurentide ice sheet. Furthermore, the study of the relationship between periods of glacial till and non-glacial deposition in this region is of great importance in improving our understanding of paleoclimatological changes that occurred during the Pleistocene period (Shilts 1984).

Attempts have been made to correlate the Quaternary stratigraphy of the Hudson Bay Lowland from the Knife River in northern Manitoba through to the Moose River Basin in northern Ontario (see Dredge and Cowan 1989 for a review). The difficulty in correlating individual stratigraphic units such as till sheets across such a vast area is compounded by the effects of smaller regional variations in the dynamics of the ice margin. These types of variations can be difficult to incorporate into such a broad-based model. Nevertheless, there is sufficient evidence to suggest that at least 2 major Wisconsinan ice advances occurred throughout the Hudson Bay Lowland (McDonald 1968; Skinner 1973). Thorleifson et al. (1993) have suggested that, in the vicinity of the Severn and Winisk rivers, evidence for more than 2 ice advances are recorded. In the Moose River Basin, Wisconsinan-aged tills are underlain by the organic-rich Missinaibi sediments, which are suggested by Shilts (1984) to represent interglacial deposition related to the Sangamonian Stage. It is possible that the Missinaibi sediments correlate to the Fawn River (northwestern Ontario) and Gods and Nelson River sediments (Northern Manitoba). The presence of till

units below these organic-rich nonglacial sediments in the Moose River Basin and in northern Manitoba indicates that deposition related to Illinoian glaciation (>125 000 years) may be preserved locally throughout the Hudson Bay Lowland.

The preservation of tills from Illinoian through to Wisconsinan ages in the Hudson Bay Lowland has great potential to complicate the interpretation of indicator mineral dispersal patterns from any prospective source regions. In addition, preservation at the top of the stratigraphic section of both proglacial marine sediments and marine sediments deposited during the invasion of the area by the Tyrrell Sea, further complicates the situation. The degree to which modern rivers and their associated tributaries incise this overburden will certainly impact the validity of using stream sediments as an effective sampling media.

Linear ice flow indicators such as flutes, drumlinoids and crag-and-tail features, suggest that the most recent glacial advances had a south to southwesterly flow in the east part of the survey area and a south to southeasterly flow in the west part of the survey (Figure 4). However, evidence provided by Prest (1963) and Thorleifson et al. (1993) suggests that a west to northwest ice movement may have occurred at least in the western part of the survey area and also in the area to the northwest. The age of this west-northwest ice movement is not known although the stratigraphic position of the Rocksand Till (from which west-northwest till fabric measurements were derived) on the Severn River would suggest that it could be correlated to an early Wisconsinan ice advance (Thorleifson et al. 1993). The reader should be aware that glacial erosion and transport in the James/Hudson Bay Lowland may be complex and should be taken into consideration when interpreting the data presented herein.

LOCATION OF KNOWN KIMBERLITES AND OTHER ALKALIC COMPLEXES IN THE SURVEY AREA

A total of 18 Jurassic-age kimberlites are known to exist in the vicinity of the Attawapiskat River west of the community of Attawapiskat (Figure 5). Of these, 16 were discovered by Monopros during the 1980s and another 2 (MacFadyen 1 and 2) were discovered by the KWG Resources Inc.–Spider Resources Inc. partnership during the 1990s. All of these kimberlites intrude the Paleozoic cover along what appears to be a north-northwest trend in the vicinity of the Attawapiskat River (Figure 5). A detailed account of the initial discovery, including a discussion of down-ice indicator mineral dispersion patterns, is provided in Kong et al. (1999). Sage (2000) provides detailed petrographic descriptions as well as extensive indicator mineral analyses from each of these known occurrences. Pb/U dating of perovskite grains from 3 of the Monopros kimberlites produced a very limited range of emplacement dates. All dates fall between 175 and 180 Ma, suggesting that the entire group of kimberlites may represent a single early Jurassic intrusive episode. Diamond recoveries from the Victor kimberlite have been encouraging and De Beers is currently evaluating this location for a potential mine site.

Other diatremes identified in the survey area include 5 outlined by KWG Resources Inc. in the western part of the survey area. Sage (2000) described these intrusions as kimberlitic, although there is limited petrographic information to confirm and/or support this classification. The diatremes are known by the names Kyle Lake 1 through 5; however, their distribution is not restricted to one particular region of the study area (Figure 6). Phlogopite from the Kyle Lake 1 diatreme returned a Rb/Sr isotopic age of 1100 +/- 40 Ma suggesting Mesoproterozoic emplacement during the development of the mid-continental rift in the Lake Superior region (Sage 2000). It is assumed that the other Kyle Lake diatremes are at least Proterozoic in age since all drill core logs describe a Paleozoic cover. The Kyle Lake 1 occurrence is important since significant numbers of both micro- and macro-diamonds were recovered from this location.

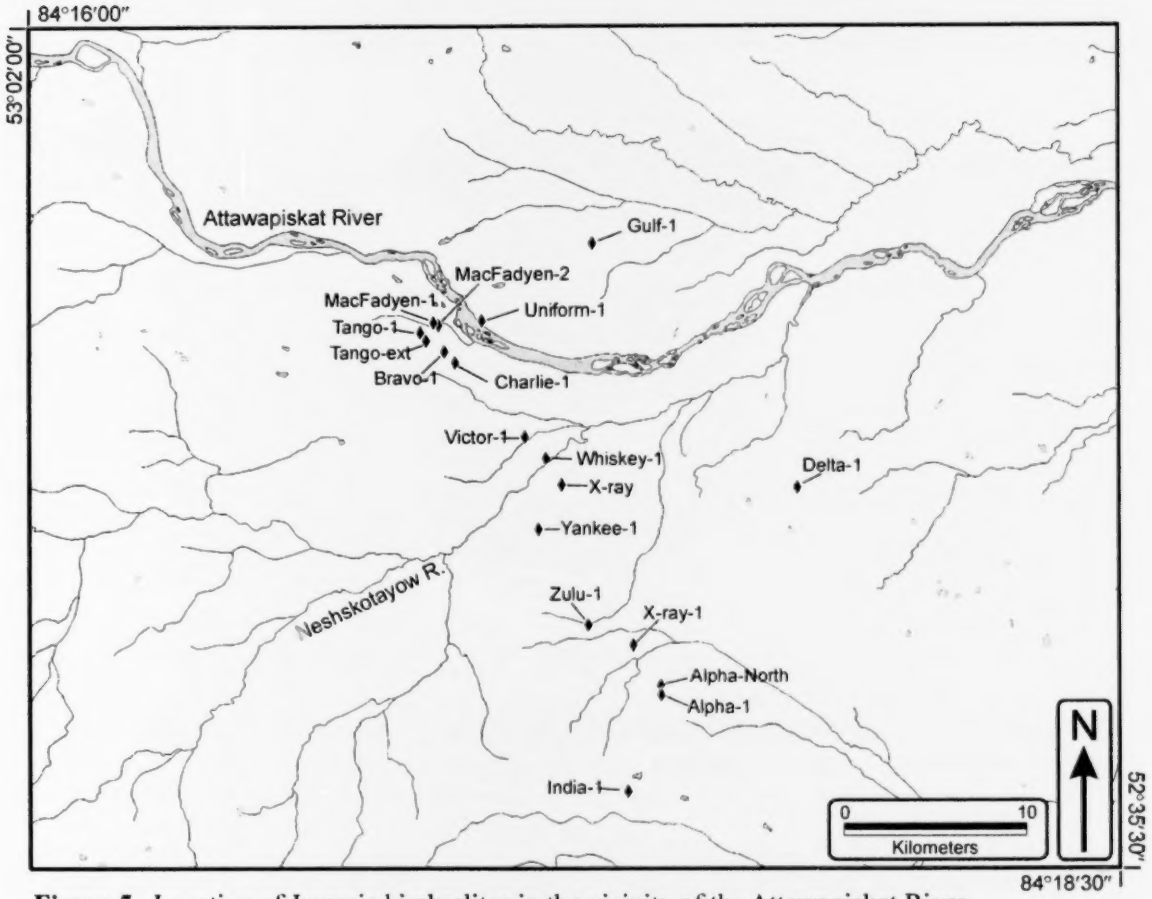

Figure 5. Location of Jurassic kimberlites in the vicinity of the Attawapiskat River.

There are 3 known alkalic complexes that occur within the survey area. These include the Lawashi, Poplar Rapids and Albany Forks complexes. The Lawashi and Poplar Rapids geophysical anomalies are interpreted to be carbonatite intrusions based on analogous aeromagnetic patterns observed in known carbonatites. The Albany Forks complex was drilled in 1969 by the Keevil Mining Group Ltd. The drilling intersected carbonatite and the results of this work suggested that the complex consists mainly of massive magnetite sövite. Sage (1987) suggests that Albany Forks would probably constitute an economic iron deposit if it were not for the remote location and depth of Paleozoic cover rocks. For a detailed discussion of these alkalic complexes the reader is referred to Sage (1987).

Material Sampling

Modern alluvium was chosen as the primary sampling media for the James Bay Lowland program since it provides a means of gaining a fast, relatively inexpensive heavy mineral signature for individual drainage basins. The heavy mineral signature obtained from modern alluvium is a product of the erosion of both overburden and bedrock, and the subsequent transportation and deposition of the eroded material. A more detailed discussion of the controls on these processes can be found in Morris and Kaszycki (1997).

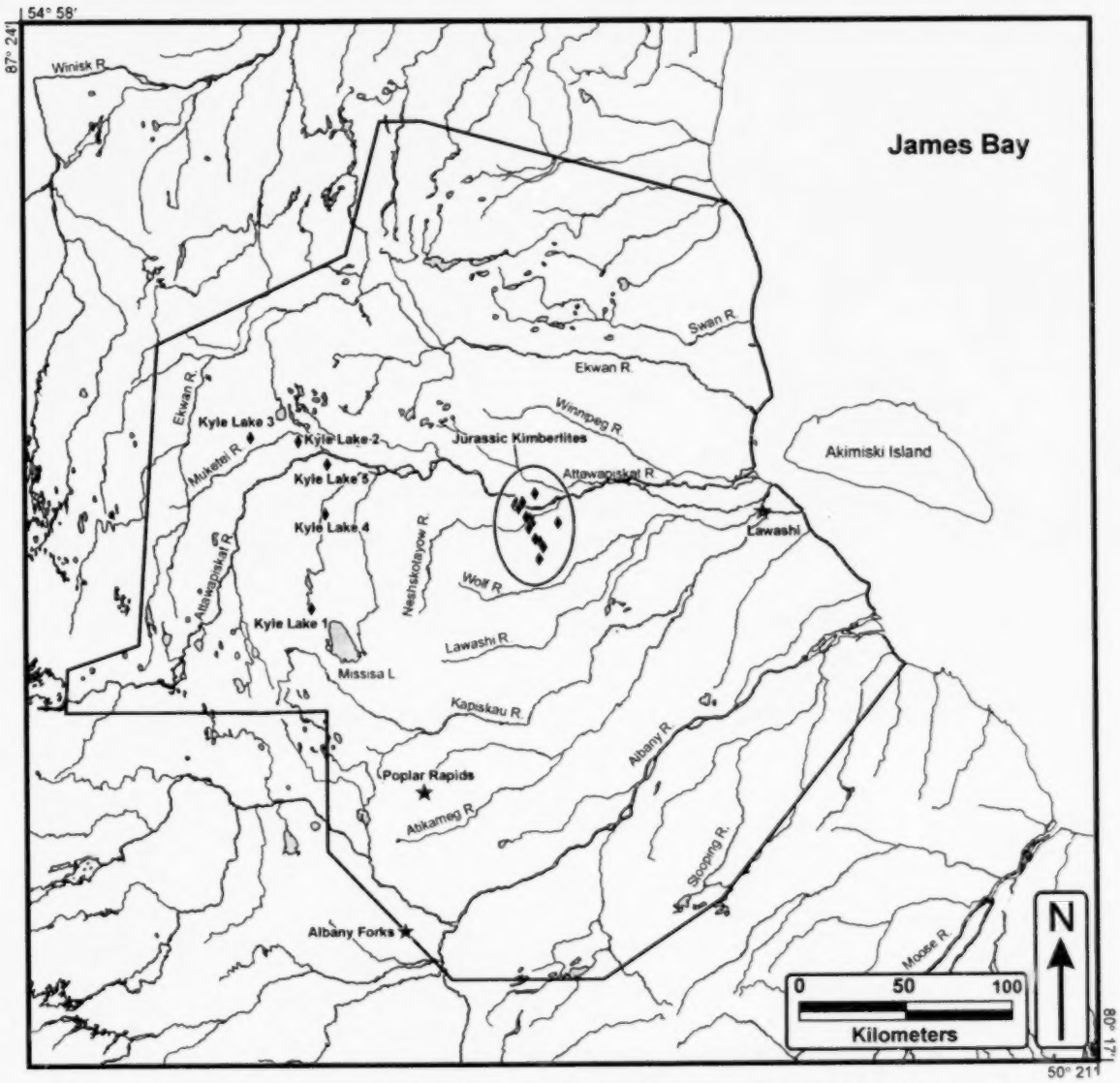

Figure 6. Location of diatremes and other alkalic complexes in the James Bay Lowland survey area. Diatremes are shown as diamonds and the alkalic complexes are shown as stars. The Kyle Lake diatremes are believed to be Mesoproterozoic in age

The sampling program was carried out by the Attawapiskat, Kasheshewan and Fort Albany First Nations, who were under contract to the OGS, between early August and the end of October 2001. Standard OGS sampling methodologies with minor modifications were utilized by the sampling crews, and OGS staff monitored adherence to these protocols. The entire sampling program was carried out by either small boat or canvas-covered canoe (known as the James Bay freighter) equipped with outboard motors that ranged from 15 to 40 HP. The crews typically worked in groups of 2 and, depending on the watercraft, could haul loads that ranged from about 400 to 1400 kg.

The objective of the sampling protocol was to collect between 13 and 18 kg of coarse material. This was achieved by either weighing the samples using scales, or by collecting a calibrated volume using plastic buckets (Figure 7a). A 10 mesh screen was used to remove coarse pebbles, and an additional small 0.75 kg sample was collected for geochemical analysis. In cases where coarse material was difficult to obtain, crews typically utilized innovative methods for accessing materials by either modifying shovels (Figure 7b) or constructing dredge buckets that could be dragged behind the canoe.

Sample sites were preselected and marked on 1:50 000 NTS sheets. Crews navigated to the intended sample sites using Garmin eTrex handheld GPS units with preconfigured waypoints. Once at, or close to, the intended sampling site, suitable sampling material was identified and the coordinates were recorded for that particular site. The waypoint was then transferred to a Trimble GPS system and the coordinates of the sample site were recorded on the Trimble as a backup. Field notes were collected at each sample site, with the Garmin coordinates recorded on data sheets together with the date, time, site observations and important comments.

The sample numbering system was predesignated so that an identifiable leading digit was given to each of the communities involved in the project. The Attawapiskat community was assigned a leadingdigit of 0 or 1 with the trailing 3 digits falling between 001 and 999. Kashechewan was assigned a leading digit of 2 with the trailing 3 digits falling between 501 and 999. Fort Albany was assigned a leading digit of 3 with the trailing 3 digits falling between 001 and 499. Sample duplicates were also collected independently for quality control purposes. These samples were given a leading digit of 5. The full list of sample duplicates and associated coordinates are provided in Appendix A.

Heavy Mineral Recovery and Identification

All of the collected samples were submitted to Overburden Drilling Management (ODM) of Nepean, Ontario, for heavy mineral processing of KIMs, MMSIMs[®]* and gold grains. The procedure utilizes a number of important steps which are illustrated in Figure 8. The bulk samples are initially wet sieved in order to isolate the >2 mm, 1 to 2 mm and <1 mm fractions. The 1 to 2 mm fraction is then subjected to heavy mineral separation using tetra-bromo-ethane (TBE), followed by ferromagnetic separation using a Carpco separator. The resulting nonferromagnetic heavy fraction is then picked for indicator minerals.

The <1 mm fraction is initially tabled using a Deister system in order to remove most of the low density minerals. If gold is observed at the tabling stage, the resulting heavy fraction is then panned in order to produce a total gold grain count. The tabled heavy concentrate is then treated with TBE in order to further isolate the heavy mineral fraction with a specific gravity >3.2 g/cm^3.

The ferromagnetic fraction is then removed using a hand magnet and the sample is then dry sieved using a 0.25 mm screen. The resulting 0.25 to 1 mm fraction is washed with oxalic acid and then dry sieved using a 0.5 mm screen. The 0.5 to 1 mm fraction is picked for indicator minerals.

The 0.25 to 0.5 mm fraction is then fed into a Carpco separator in order to further split the sample into a number of manageable fractions based on paramagnetic susceptibilities. Each of these fractions are then picked with particular attention being given to certain indicator minerals that are more likely to fall into any given paramagnetic class. A scanning electron microscope was used to check and confirm any questionable picked grains and also to determine broad geochemical characteristics of the grains (for example Mg-ilmenite versus ilmenite) prior to storage in vials. The vials were sent to the Geoscience Laboratories in Sudbury where the grains were mounted and polished for Electron Microprobe analysis.

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* MMSIM is a registered trademark of Overburden Drilling Management Limited, Nepean, Ontario

Figure 7a. Sampling on the Albany River. This technique utilized a fitted screen on a bucket through which material was sieved to achieve the required weight of sample by calibrated volume.

Figure 7b. Illustration of innovative modifications to a shovel for deep water sampling in areas where the coarse material is limited in shallow water.

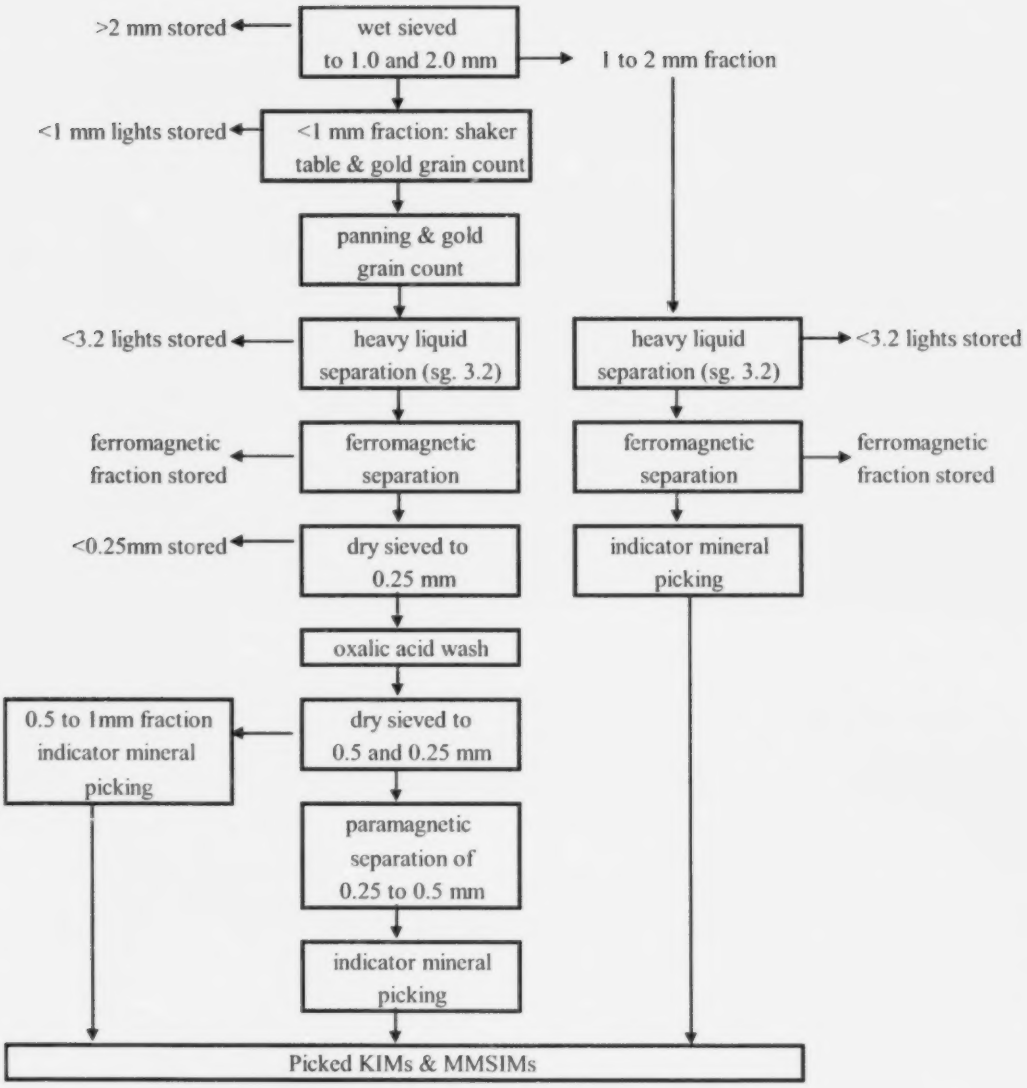

>2 mm stored
wet sieved to 1.0 and 2.0 mm
1 to 2 mm fraction
<1 mm lights stored
<1 mm fraction: shaker table & gold grain count
panning & gold grain count
<3.2 lights stored
heavy liquid separation (sg. 3.2)
heavy liquid separation (sg. 3.2)
<3.2 lights stored
ferromagnetic fraction stored
ferromagnetic separation
ferromagnetic separation
ferromagnetic fraction stored
<0.25mm stored
dry sieved to 0.25 mm
indicator mineral picking
oxalic acid wash
0.5 to 1mm fraction indicator mineral picking
dry sieved to 0.5 and 0.25 mm
paramagnetic separation of 0.25 to 0.5 mm
indicator mineral picking
Picked KIMs & MMSIMs

Figure 8: Heavy mineral sample processing flow chart (*modified from* Averill 1998).

Important Characteristics of Kimberlite Indicator Minerals

Kimberlite indicator minerals (KIMs) are a unique group of minerals that have distinct chemical and physical characteristics that can be used in exploration programs to search for the kimberlite diatremes from which they were derived. These indicator minerals form at very high pressures and, for this reason, are of particular interest since it is possible that they may have coexisted with diamonds in the earth's mantle. Since these minerals are far more abundant than coexisting diamonds in the mantle environment, exploration programs focus on the recovery of indicator minerals rather than diamonds for obvious practical reasons. In order to understand why overburden exploration programs focus on specific types of KIMs, it is important to recognise from where these minerals originate and what types of relationships they have to both kimberlites and diamonds.

Exploration companies typically promote properties based on the recovery of important KIMs that may include Cr-pyrope garnets, Mg-ilmenites, chromites and Cr-diopsides. In order to explain why these indicator minerals are targeted, we first need to consider in what way they are related to kimberlite magmatism. In short, 2 important sources of KIMs must be taken into consideration. The first important source of KIMs is from mantle xenoliths. These foreign xenoliths are unrelated to kimberlite magmas in that they are simply sampled and entrained during the eruption process. In very general terms, xenoliths can be classified as belonging to either the peridotite or eclogite group. The second important source of KIMs is from the megacryst suite or discrete nodule suite. While the origin of this group is somewhat controversial, most mantle petrologists would appear to favour a cognate high pressure origin; that is, these large crystals probably precipitated from "protokimberlitic" melts at mantle depths (Mitchell 1986).

Figure 9 illustrates a somewhat simplified breakdown of the important modes of occurrence for KIMs. Cr-pyrope garnets, chromites and Cr-diopsides originate from the peridotite xenolith assemblage. These minerals are visually distinctive and can be effectively isolated from heavy mineral concentrates. Garnets from eclogitic sources (typically Cr poor almandine-pyropes) are also important KIMs, although similar visual characteristics to garnets from crustal sources complicates the task of isolating this group. Since diamond can occur in peridotite or eclogite, much time and effort has been directed at analysing mineral inclusions within diamonds in order to identify compositional constraints that can be linked to diamond paragenesis. The results of these studies have shown that both Cr-pyrope garnet and chromite inclusions within diamond have compositional signatures that are somewhat unique (Gurney 1984; Gurney and Zweistra 1995) and can be used to target highly prospective areas. Similar studies (McCandless and Gurney 1989) have also suggested that Na concentrations in eclogitic garnets can be used to isolate type I diamond-bearing eclogite xenoliths versus type II barren eclogites. However, the eclogitic garnet data may not be as rigorous as previously believed and could be potentially misleading (Grutter and Quadling 1999). Nevertheless, the fact that mineral chemistry can be used to evaluate the potential of a survey area to host diamond from regional sampling, demonstrates the true value of carrying out electron microprobe data on KIMs.

The other important mineral shown in Figure 9 that originates from peridotite xenoliths is Cr-diopside. This mineral has a very distinct apple green colour and can be easily isolated from heavy

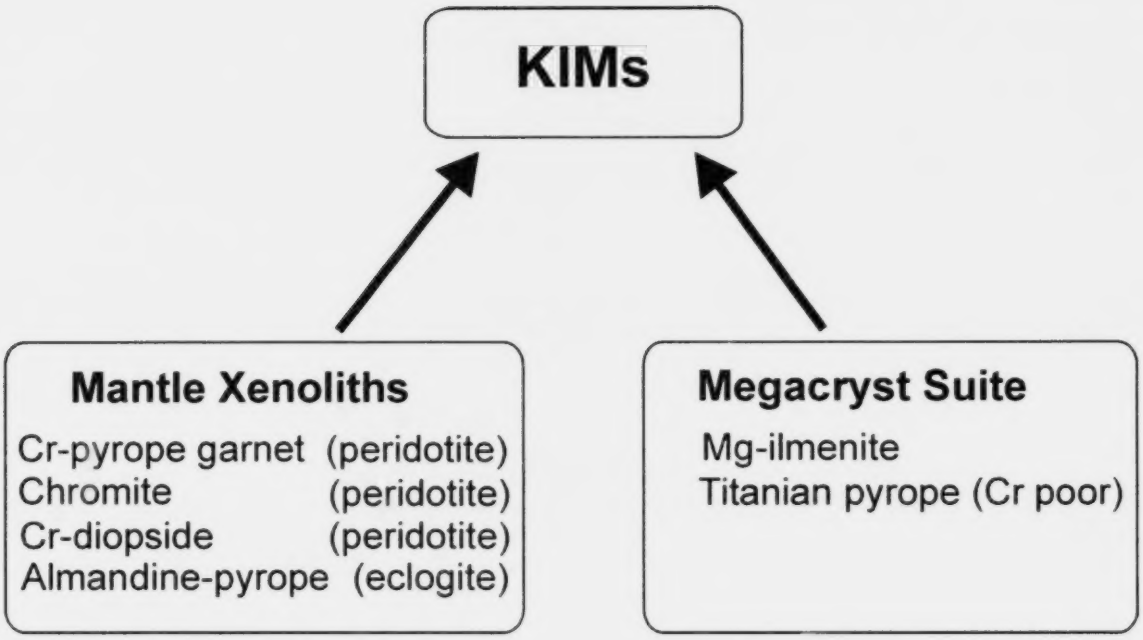


Figure 9. Modes of occurrence for the most important KIMs

mineral concentrates. The importance of Cr-diopside in an exploration program is that it can be used to infer mantle sampling since it is a key member of the lherzolitic peridotite assemblage and also occurs in wehrlites and pyroxenites. However, studies have shown that the majority of diamonds that originate from peridotites are associated with harzburgites and not lherzolites, wherlites or pyroxenites. By definition harzburgites (olivine + orthopyroxene) are lacking clinopyroxene, and as such, no useful link can be made between Cr-diopside recovery and the diamond potential of the survey area. In addition, many of the regional sampling programs carried out by the OGS have shown that Cr-diopside is probably also a common component of rocks that have crystallized at crustal depths. In order to overcome these problems, a technique for isolating mantle type compositions using a ternary projection of Al-Na-Cr (atomic proportions) has been proposed by Morris et al. (2002). Probably the most important aspect of isolating lherzolitic type Cr-diopsides from regional samples is that if it can be assumed that these minerals coexisted with garnet in the xenolith assemblage, then it is possible to calculate thermobarometric conditions for the source region. This information could provide a unique opportunity to evaluate the conditions in the subcratonic lithosphere at the time of emplacement.

Important KIMs associated with the megacryst suite include Mg-ilmenites and Cr poor titanian pyrope garnets. Kimberlitic megacryst ilmenites are characterized by elevated concentrations of both MgO and Cr_2O_3. While megacryst ilmenites also occur in a number of other hosts, such as alkaline basalts, basanites and alnoites (Mitchell 1986), it would appear that most of these can be identified by their low Cr_2O_3 concentrations. Probably the most important aspect about Mg-ilmenite composition is that the oxygen fugacity (fO_2) in the parent magma may be recorded during the growth of the crystal (Haggerty and Tompkins 1983). As a result, it has been suggested that ilmenite compositions may be used to predict whether magmatic conditions would have been favourable (reducing) or detrimental (oxidizing) for diamond preservation during kimberlite emplacement. Highly oxidizing conditions are known to promote diamond resorption, and studies of a number of kimberlite occurrences (Gurney and

Zweistra 1995) show a possible link between stoichiometric Fe_2O_3 concentration and diamond grade. However, the authors note that the technique is qualitative and, as such, poorly constrained. Furthermore, there are important examples where the technique does not properly forecast the diamond grade (Mir kimberlite, Siberia) and the use of this technique is therefore not necessary or logical during the early stages of exploration.

Megacryst garnets are typically referred to as a Cr poor garnets, although their compositions can range from depleted to >4% Cr_2O_3 and as such can actually have higher Cr_2O_3 concentrations than lherzolitic garnets. However, megacryst garnets are typically enriched in TiO_2, making the job of identifying these minerals relatively straightforward. The true value of megacryst garnet recovery is that it is indicative of kimberlitic magmatism. These minerals typically exhibit a wine red colour and can be easily picked from heavy mineral concentrates. While there are other megacryst phases such as olivine and orthopyroxene (not shown in Figure 9), these minerals do not have compositions that can be definitively linked to kimberlites based on major element chemistry. However, if large numbers of these grains are detected in the heavy concentrates then this information can be extremely important. For example, the recovery of large numbers of olivines could suggest the presence of either a mafic complex or diatremes, and the association of olivine with other KIMs then becomes important.

Kimberlite Indicator Mineral Results

Due to the large number of KIMs recovered in the survey area, to date, only the picked garnets have been analysed by electron microprobe. The majority of the other picked KIMs will be analysed at a future date and these data will be released as an additional MRD. The KIM picking results (estimated counts) for the heavy mineral concentrates are listed in Appendix B. These results show that in some select samples the numbers of recovered KIMs are extremely high. For example, in some samples the numbers of Cr-pyrope garnets, Mg-ilmenites, olivines and chromites are in excess of 1000 grains and a single sample produced an estimate of up to 137 278 KIMs based only on Cr-pyrope, ilmenite and olivine counts.

The interpretation of the results is presented here on the basis of completed microprobe data for the garnets and on estimated mineral counts for all other KIMs. Traditionally, the picking results supplied by Overburden Drilling Management have consistently shown that the classification of Cr-pyrope garnets and Mg-ilmenites based on visual identification with back-up SEM checks are very reliable. As such, it is not expected that the classification of Mg-ilmenites presented here will change significantly following completion of the microprobe analysis.

CR-PYROPE GARNET

The picking results clearly show that samples collected in the vicinity and due south of the known Jurassic kimberlite cluster produce very high Cr-pyrope garnet counts. The distribution of grains (Figure 10) clearly illustrates that a point source for the garnets occurs in the vicinity of the kimberlites and is traceable down-ice along a south to southwest trend for some 150 km to the upper reaches of the Atikameg River. The highest recovery of garnets is from sample 01JBL-0146 (estimated at 2337), which was collected in the Neshskotayow River, approximately 3 km south-southwest of the Victor pipe. Samples 01JBL-0148B and 01JBL-0049 produced estimated counts of 1741 and 1961, respectively, and were sampled slightly further upstream in the same river approximately 12 km south of the Tango, Bravo, Charlie and MacFadyen cluster of kimberlites (see Figure 5 for the location of these pipes).

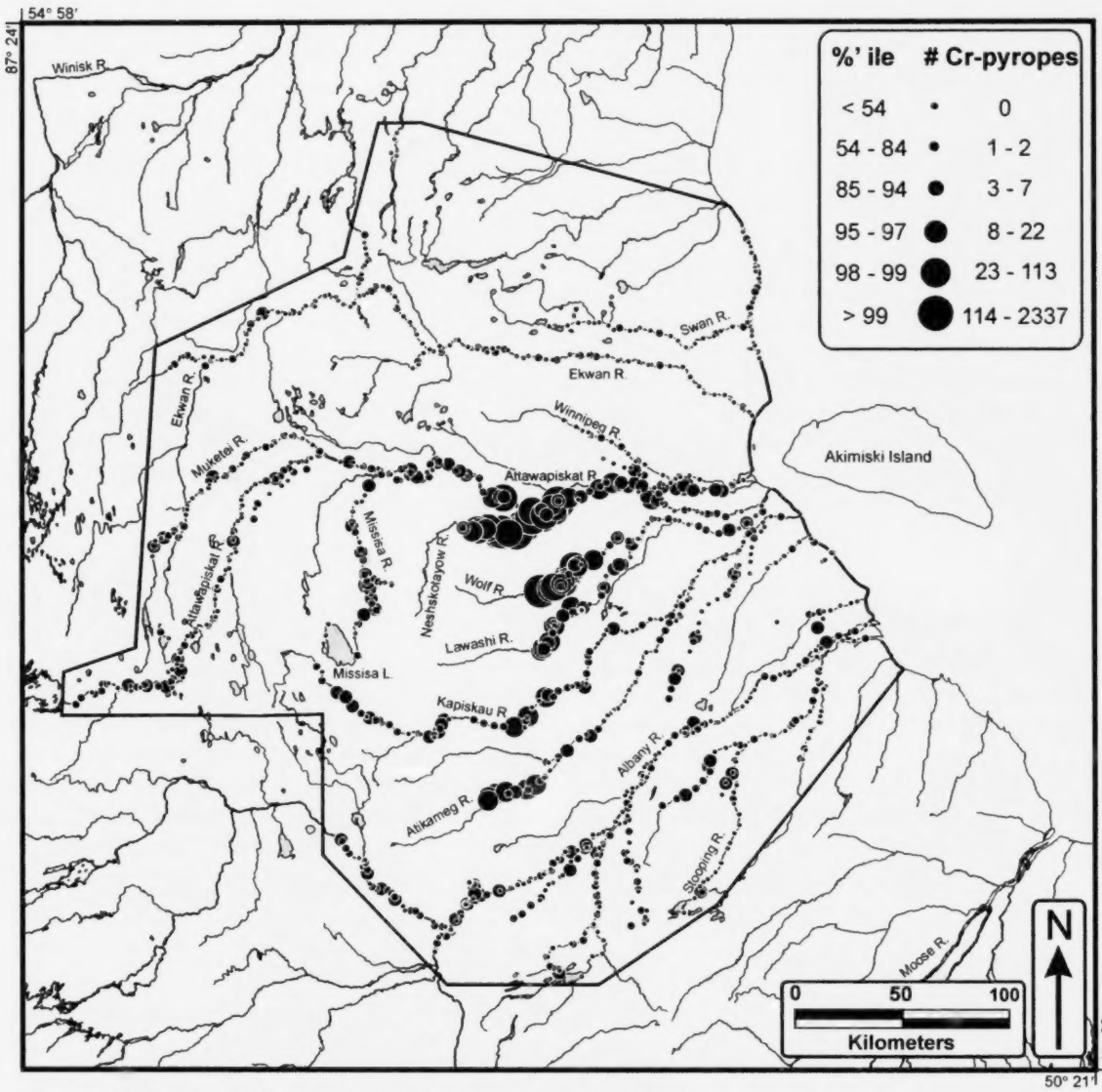


Figure 10. Regional distribution of Cr-pyrope garnets based on estimated counts

The distribution of garnets shown in Figure 10 clearly demonstrates that the highest counts occur in samples collected on the Neshskotayow River. Garnet counts ranging from 100s to 1000s can be found in samples collected just down ice from the known kimberlites. Cr-pyrope garnet recoveries in the rivers south of the Neshskotayow exhibit an orderly decrease in grain counts. For example, counts of <30 grains are typical for most samples collected on the upper reaches of the Wolf River, although the most westerly sample (01JBL-0017) collected on this river contained an estimated 274 Cr-pyropes. On the Lawashi River Cr-pyrope counts are typically <17 grains in samples collected south-southwest of the kimberlites and this value drops to <14 on the Kapiskau River. Samples collected on the upper reaches of the Atikameg River produced Cr-pyrope counts that are typically less than <20 grains, although exhibit slightly elevated counts relative to the samples collected on the Kapiskau River. The highest Cr-pyrope

counts observed on the Albany River occur in the vicinity of the Albany forks with all samples producing <6 grains.

The Cr-pyrope garnet data would appear to indicate that the survey area contains only 1 major dispersion anomaly that originates in the vicinity of the Jurassic cluster of kimberlites. This is supported by the fact that samples collected north of the Attawapiskat on the Ekwan and Swan rivers typically have Cr-pyrope counts that are <2 (most samples have 0 counts). The only sample site that is anomalous (>95th percentile) and occurs outside of the influence of the large dispersion halo is sample 01JBL-0096 which produced 11 garnets and was sampled on the Missisa River. There are numerous sites with elevated Cr-pyrope counts (>90th percentile), with the majority of these occurring south of the Attawapiskat River. A few exceptions are located in the western part of the survey area.

Results of electron microprobe anlaysis show that numerous Cr-pyropes classify as G10 garnets (Figure 11), although the degree of Ca depletion in this cluster of analyses is not particularly strong and does not compare, for example, with published compositions from many of the economic kimberlites in South Africa and the former Soviet Union. However, the results do show a somewhat interesting distribution with regard to trends for some of the Cr depleted compositions. Figure 12 shows the distribution of these data on a binary plot of Na_2O vs TiO_2 (wt %) for garnets with Cr_2O_3 concentrations of <2 wt%. The use of 2 wt % Cr_2O_3 as a threshold is somewhat arbitrary and is intended to include the majority of eclogitic compositions and some of the garnet megacrysts. Since megacryst garnet compositions can exhibit elevated Cr_2O_3 compositions this plot may screen out many grains. The plot shown in Figure 12, which is an extension of the work of McCandless and Gurney (1989), is commonly used to identify what are termed the Group I eclogite garnets, which are typically associated with diamond-bearing eclogites. In addition, it can also be used to identify the garnet megacryst population, although as mentioned above, simple thresholds do not always work well and compositional overlap with lherzolitic garnets can make the process somewhat subjective. Nevertheless, the distribution illustrated in Figure 12 shows a small population of garnets that intersect the group I eclogite field and may be considered important. This population is observed in both the prime eclogitic garnet candidates (Cr_2O_3 <0.5 wt%) and also in those garnets that may include peridotite compositions (Cr_2O_3 >0.5 wt%).

Mg-ILMENITE

Mineral processing results that have been supplied by ODM (Appendix B) typically classify ilmenites as KIMs on the basis of physical characteristics coupled with backup SEM checks. While this system works reasonably well at identifying Mg-ilmenites versus Mg poor varieties from crustal sources, the reader needs to be aware that the true identification of these minerals requires further analysis by electron microprobe. As such, the data presented herein is preliminary and the final number of Mg-ilmenites will likely change. However, it is not expected that the interpretation of the Mg-ilmenite distribution in the survey area will be significantly altered as a result of these analyses.

Figure 13 illustrates the distribution of Mg-ilmenites in the survey area. The distribution of anomalous sample sites follows an identical trend to that of the Cr-pyrope garnet data. The only noticeable difference is that, on average, the grain counts are higher than for the Cr-pyrope garnets and anomalous samples (>95th percentile) can be traced as far south as the Albany River to a point north of the Albany forks. The highest recovery of Mg-ilmenites was recorded from sample 01JBL-0146 which produced an estimated 128 500 grains from the combined 0.25 to 2.0 mm heavy mineral concentrate. This sample also produced the most Cr-pyrope garnets (estimated at 2337), orange garnets (estimated at 149) and olivine (estimated 9150). Samples 01JBL-0148B and 01JBL-0049 also produced high

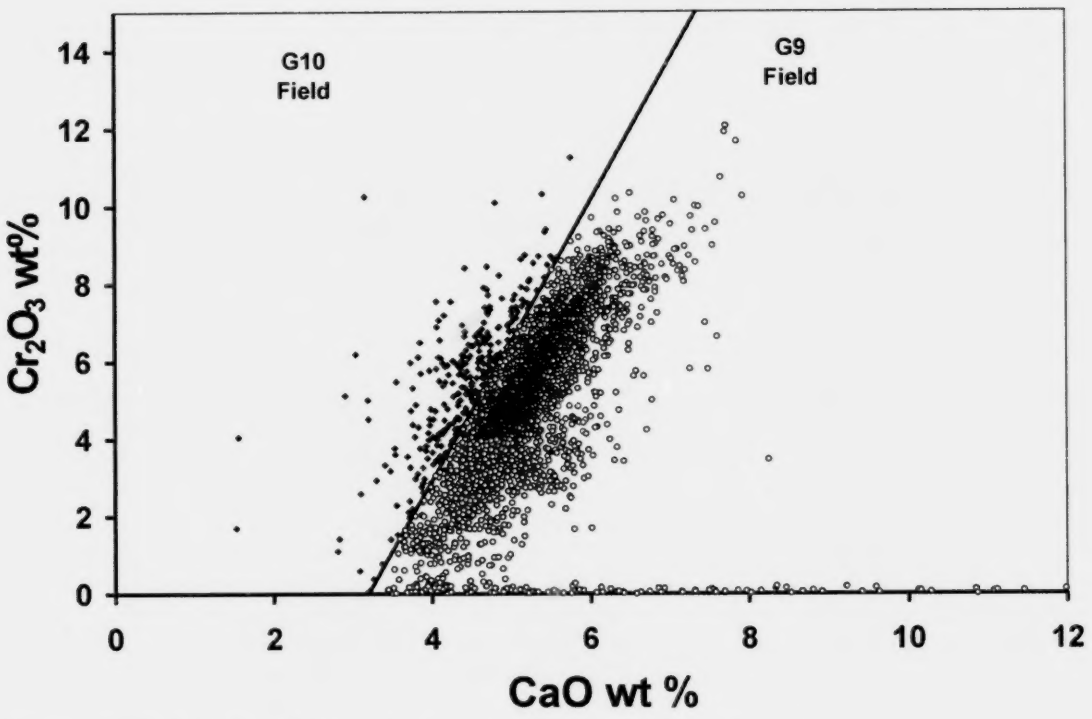


Figure 11. CaO vs Cr_2O_3 binary plot for garnet KIMs recovered from the survey area

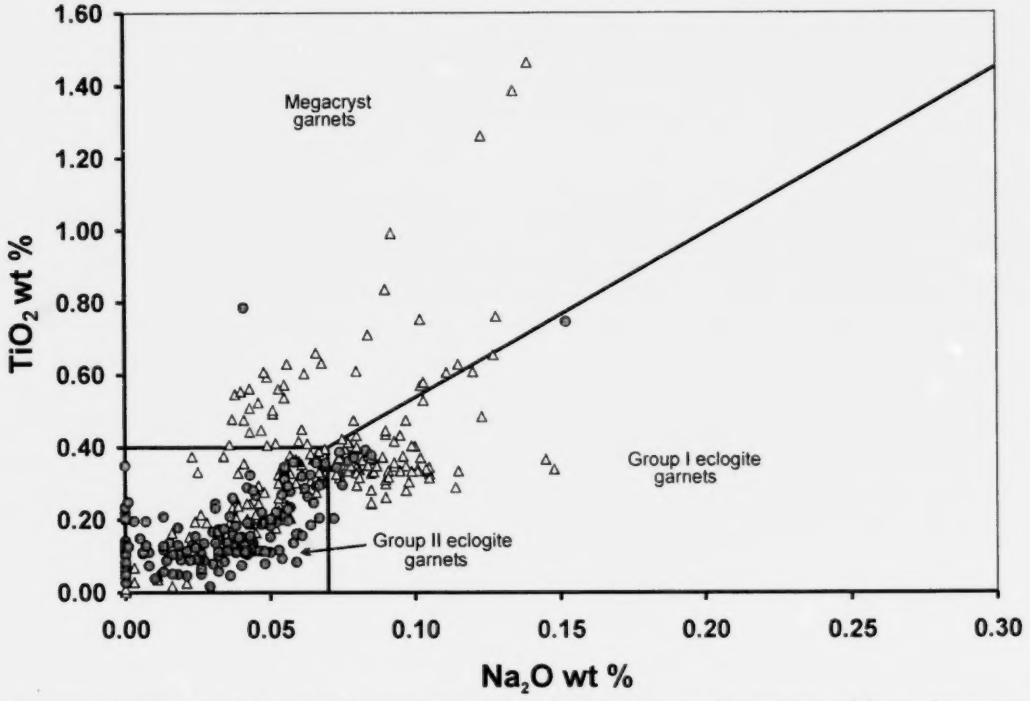
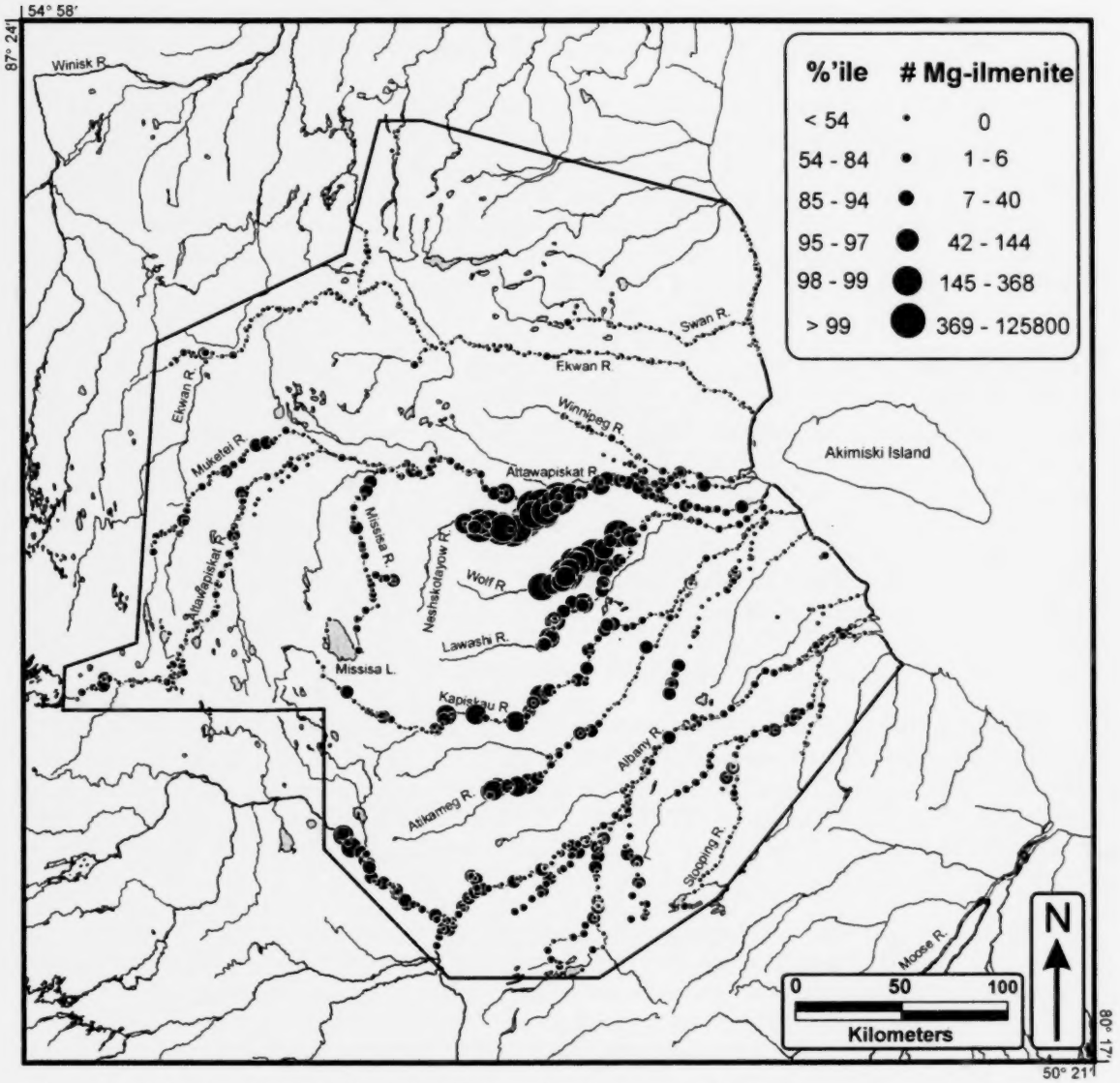


Figure 12. Na_2O vs TiO_2 plot for Cr poor (<2 wt% Cr_2O_3) garnets recovered from the survey area. Filled circles represent garnets with <0.5 wt % Cr_2O_3 and triangles represent garnets with >0.5 and <2 wt % Cr_2O_3



Fi gure 13. Regional distribution of Mg-ilmenites based on estimated counts.

Mg-ilmenite counts of 7700 and 1003, respectively. These 3 samples, which were all collected on the Neshskotayow River, are the most anomalous with respect to total KIM counts for the entire survey.

On a sample by sample basis the Mg-ilmenite counts are on average higher than are the Cr-pyropes. Many samples collected on the upper reaches of the Wolf River are highly anomalous with respect to Mg-ilmenite and 3 samples have estimated counts in excess of 700 grains. These include samples 01JBL-0008, 01JBL-0009 and JBL-1011. Samples 01JBL-1119 and 01JBL-1209, which were collected on the Lawashi River, both had in excess of 100 estimated Mg-ilmenite grains. This trend of decreasing Mg-ilmenite counts from the Neshskotayow, south to the Albany River is similar to that observed with the

Cr-pyrope data. It is interesting to note that as with the Cr-pyrope data, the estimated counts in the Kapiskau River are on average slightly lower than observed in samples collected on the Atikameg River.

The only major difference between the distribution of the Mg-ilmenite and Cr-pyrope garnet data is that the anomalous ilmenite counts are observed in samples collected northwest of the Albany forks (01JBL-3317 and 01JB-3349) on the Albany River. This would appear to suggest that the down-ice glacial dispersion of Mg-ilmenites is more pronounced than for the Cr-pyrope garnets. There is also a noteworthy sample (01JBL-1042) collected on a tributary of the Muketei River that lies outside of the influence (due west) of the large ilmenite dipersion halo shown in Figure 13. This sample produced an elevated (>90th percentile) estimated count of 17 Mg-ilmenites.

CHROMITE

Examination of the data shows that chromite was identified in 73% of the samples collected as part of this survey. The most noticeable chromite anomaly is not associated with the Attawapiskat kimberlites, however, but is located in the vicinity of the large mafic complex in the Pym Island/Fishtrap Lake area on the upper reaches of the Attawapiskat and Muketei rivers (Figure 14). This anomaly was also identified from geochemical data collected during the Spider 3 KIM survey (Crabtree and Gleeson 2003). Some of the samples collected downstream from Pym Island on the Attawapiskat River produced in excess of 1000 grains (estimated counts), the highest for the survey area. These include samples 01JBL-1119 (estimated at 7764), 01JBL-1120 (estimated at 3583) and 01JBL-1112 (estimated at 1031). It has been suggested by Crabtree and Gleeson (2003) that this area would be a good candidate for PGE exploration.

There are 2 other areas where estimated chromite counts are highly anomalous (>98th percentile) in single samples. These include sample 01JBL-0356 (estimated at 160 grains) collected on the Swan River, approximately 18 km from James Bay, and sample 01JBL-2279 (estimated at 157 grains) collected on the Stooping River, approximately 34 km upstream from the confluence of the Stooping and Albany rivers. The Swan River anomaly is interesting in that other samples that are anomalous with respect to chromite also occur in the same vicinity.

Other areas with anomalous chromite counts include some sample sites in the vicinity of the kimberlite cluster on the Neshskotayow River and also in samples collected on the upper reaches of the Ekwan River. There are also sites with anomalous chromite counts located on the Albany River northwest of the Albany forks. However, it is quite possible that these samples contain chromites derived from the mafic complex to the northwest (Attawapiskat River) since linear ice flow features in this area show a southeast orientation.

OLIVINE AND Cr-DIOPSIDE

Olivine is more abundant than Cr-pyropes in some samples collected in the vicinity of the Neshskotayow River. For example, samples 01JBL-0146 produced an estimated 9150 grains while sample 01JBL-1048B produced an estimated 1013 grains. The dispersal pattern for olivine (Figure 15) is much the same as that observed for the Cr-pyrope garnets with anomalous counts traceable southward, to the uppermost reaches of the sampled portion of the Atikameg River. All of the samples that are anomalous with respect to olivine occur in the same down-ice envelope as observed in the ilmenite and garnet data with one exception, on the Missisa River, where 26 olivines were recovered from sample 01JBL-0075.

Cr-diopsides were identified by ODM as either low Cr-diopside or Cr-diopside. It is the author's experience that this classification, which is largely based on visual identification, is less reliable than that

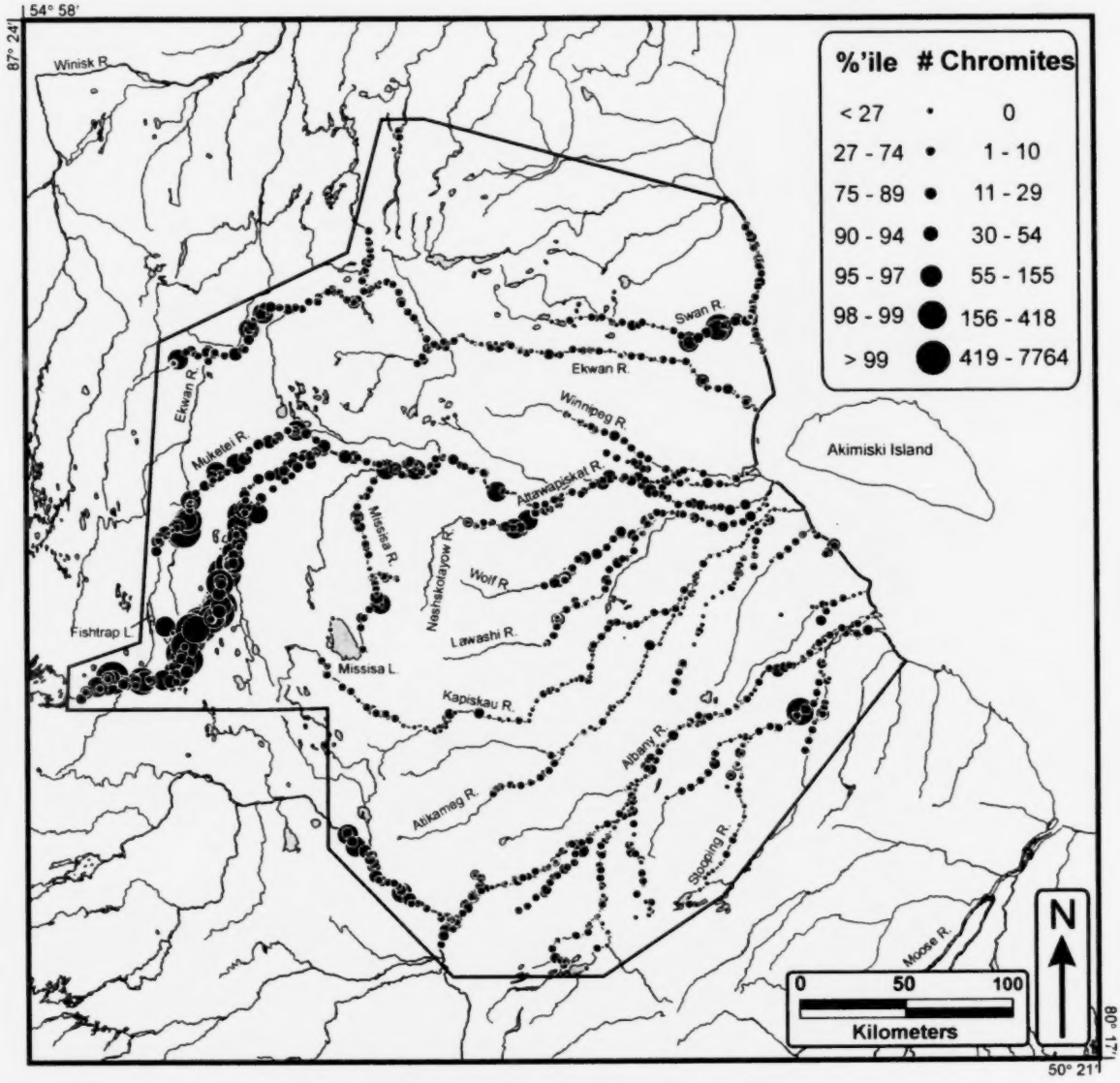


Figure 14. Regional distribution of chromites based on estimated counts.

for Cr-pyropes or Mg-ilmenites. As such, it is more appropriate to use classification schemes based on electron microprobe data. However, it is worth noting that clinopyroxenes picked as Cr-diopsides by ODM are anomalous in the vicinity of the Neshskotayow and Wolf rivers in the vicinity of the known kimberlites. The data presented in Appendix B would appear to indicate that anomalous grain counts are not observed south of the Wolf River, suggesting a more limited dispersion halo than for Cr-pyrope, Mg-ilmenite and olivine. Further analysis of these grains by electron microprobe will be required to properly confirm this trend.

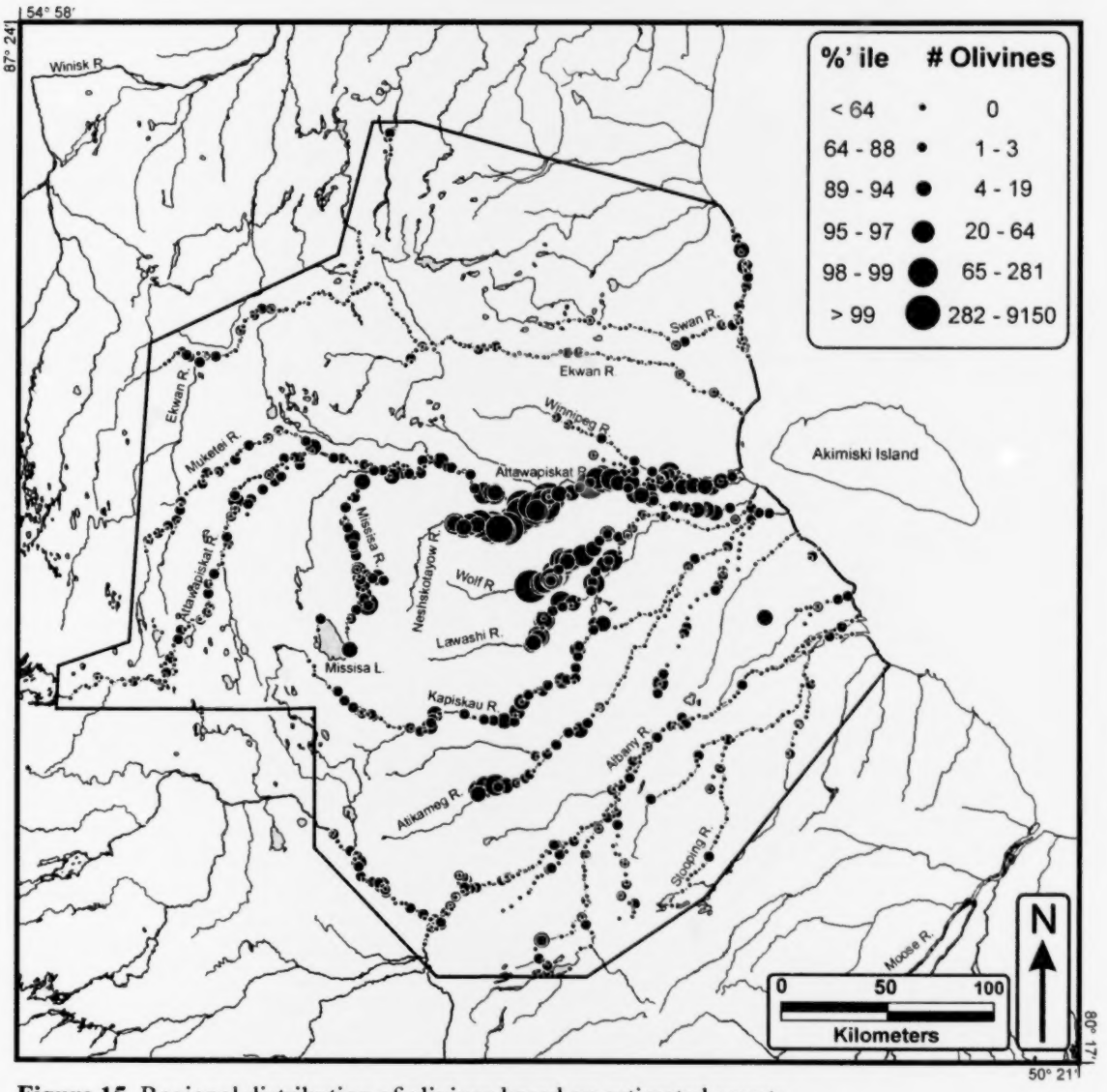


Figure 15. Regional distribution of olivines based on estimated counts

Discussion of the Kimberlite Indicator Mineral Results

The results presented here would appear to suggest that there is only one positively identifiable KIM anomaly in the survey area. The dispersal pattern from the Jurassic kimberlite cluster is easily traceable in alluvial samples from the Attawapiskat River, south, to the vicinity north of the Albany forks, a total distance of approximately 200 km. The dispersal pattern that is shown in Figure 16 can be considered to be the result of 2 major processes. The first process involves glacial erosion at source followed by down-ice transportation and till deposition. The second process involves incision of KIM bearing till by fluvial action and subsequent transport of the resulting KIM bearing sediment downstream. In the case of the

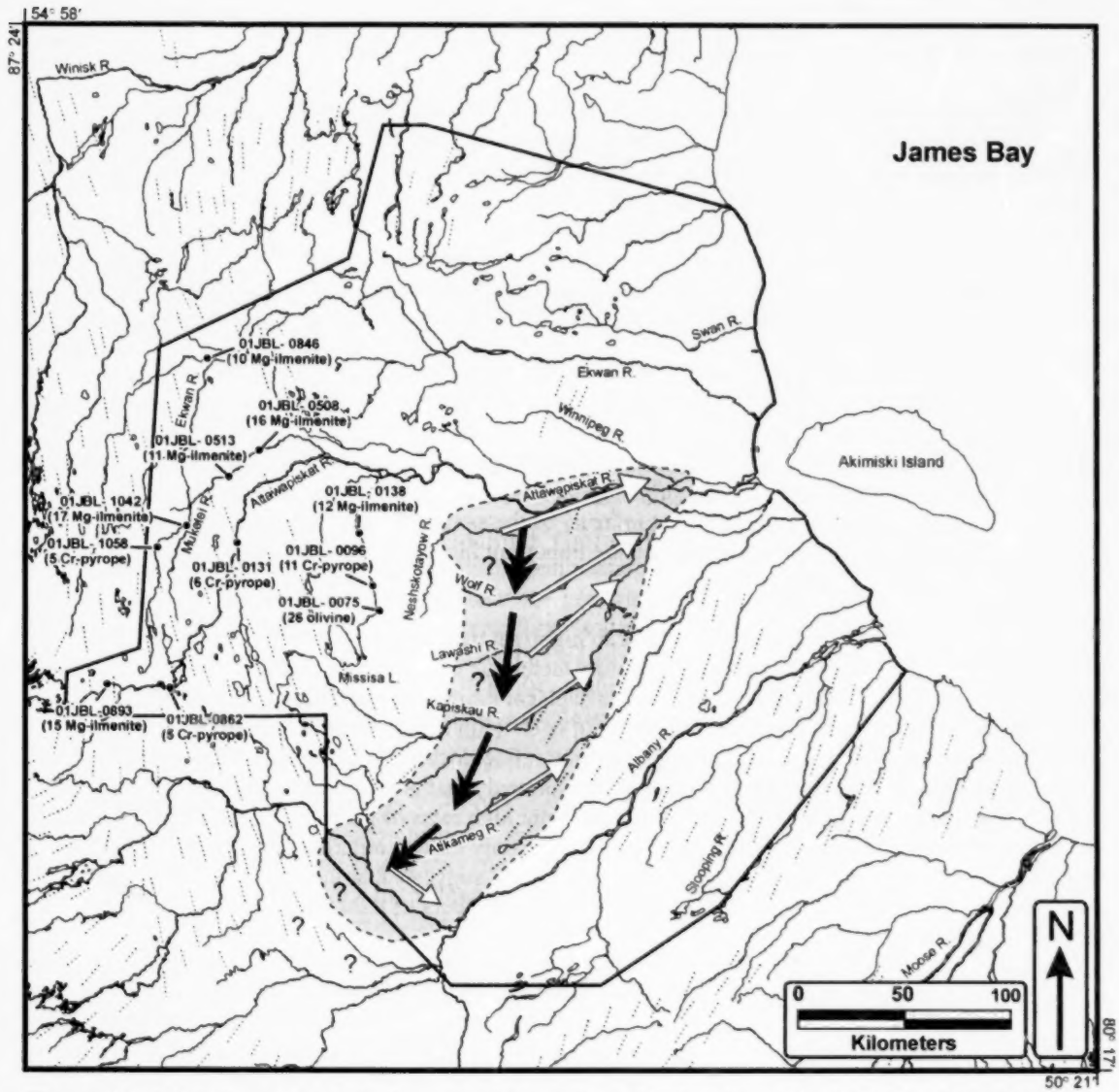


Figure 16. KIM dispersion halo from the Attawapiskat kimberlites. The initial ice flow direction is somewhat hypothetical and difficult to ascertain due to a lack of samples collected on the upper Wolf, Lawashi and Atikameg rivers. The solid double arrows indicate the apparent ice flow direction. The secondary fluvial transport mechanism is shown with single white arrows. The dashed lines represent linear ice flow features such as flutes, drumlinoids and crag and tail features (after Prest et al. 1968). Noteworthy sample sites in the westerly portion of the survey area are highlighted.

Attawapiskat kimberlites, these 2 processes have not acted in the same geographic direction, producing what appears to be a dominantly south to southwest dispersion in tills combined with an easterly fanning of KIMs toward James Bay through fluvial transport. The dispersal pattern seen here in the alluvial samples can, therefore, be considered to be analogous to the sum of 2 vectors. The easterly fluvial

dispersion of KIMs is most noticeable on the Attawapiskat River, and the prominence of this feature can probably be attributed to the size of the river and energy of flow.

The data presented here would appear to suggest that the most recent ice-flow regime in the immediate vicinity of the kimberlites was initially south-southwest, at least to the Wolf River, followed by a southwest trend from the Lawashi River to the Albany River. The lack of samples from the upper reaches of the Wolf, Lawashi and Atikameg rivers makes it difficult, however, to determine if the dispersion of KIMs in the immediate vicinity of the kimberlites was solely by a southwest ice advance as suggested by linear ice flow features. It is interesting to note that till sampling would most likely produce a different dispersal trend. That is, the trend would be somewhat narrower than that observed in the alluvial samples and would lack an easterly dispersion halo toward James Bay.

Kong et al. (1999) show a similar dispersion pattern to that which is observed here. Ilmenite dispersion is dominant, and according to Kong et al. (1999), can be traced as far as the Kenogami River to the southwest. It is interesting to point out that they also observed a somewhat limited chromite dispersion halo from the kimberlites. This is an important point since it calls into question the validity of rigorously picking chromites during the early stages of exploration. This is especially true for this survey area since chromite is surprisingly abundant in many of the samples collected from the James Bay Lowland. Perhaps grain size and morphology are important factors to consider when attempting to isolate spinels associated with kimberlite intrusions.

The results presented herein do not appear to highlight many other prospective areas for kimberlite exploration based on the stream sediment sampling technique other than those areas that are currently known. There are a few areas outside of the Attawapiskat kimberlite dispersion halo that do have anomalous KIM counts (see Figure 16); however, it is difficult to be certain if these are important signatures that require further investigation, or simply reflect localized increases in heavy mineral entrapment. There is little doubt that the large KIM anomaly that is observed in the area is a classic example of down-ice transport that likely benefited from high rates of glacial erosion in the immediate vicinity of the Attawapiskat diatremes. The fact that the only known outcrops of type I kimberlites in Ontario occur at the Victor and Zulu locations (Sage 2000), suggests that the impact of glacial erosion in this vicinity may have had a major influence on the large numbers of KIMs that are observed in the secondary environment today.

Does the data presented here suggest that no other kimberlites will be found in the survey area? The most logical way of answering this question is to suggest that the results of this survey only highlight an area which is highly favourable for the alluvial sampling approach. That is, the number of KIMs detected in alluvial samples that are proximal to the kimberlites suggests that a combination of factors have produced an environment that is highly favourable for detection by stream sediment sampling. The sampling technique used here will not identify diatremes that predate the deposition of Paleozoic rocks in the James Bay Lowland, as illustrated by the discovery of the Kyle Lake Proterozoic age diatremes in the western part of the survey area. Similarly, it is conceivable that diatremes located in areas characterized by thick deposits of Quaternary sediment with small river and creek systems that poorly incise these sediments, may not produce anomalous KIM signatures in stream sediment samples.

For example, unpublished data from the New Liskeard area shows that alluvial samples collected in creeks within 1 km of known kimberlites can produce very limited KIM counts. The degree to which creeks incise the overburden will play a significant role in whether dispersion halos from the source rocks can be easily identified. Areas with thick drift cover are difficult to explore, and will require a somewhat diversified approach that makes use of a sound knowledge of the structural geology of a particular region coupled with access to high quality geophysical data. In the case of the lowlands, sampling of tills would help to identify any additional prospective post-Paleozoic kimberlites.

The results of the electron microprobe analyses for the garnets are intriguing in that these data do not seem to indicate the presence of a highly Ca-depleted garnet harzburgite population that is generally associated with the peridotite assemblage in diamond-bearing kimberlites. The economic potential of the Victor pipe appears to be good since De Beers has recently progressed to the feasibilty stage in the evaluation of this kimberlite for a mine site. This raises many interesting questions regarding the source of the diamonds since the data presented herein does not appear to indicate a significant garnet harzburgite component in the alluvial samples. This would seem to suggest that either the diamonds are associated with eclogite or that the model for peridotite diamond paragenesis may not be applicable here. The elevated Na_2O concentrations in some of the Cr deficient eclogitic garnet candidates shown here may indicate an eclogitic source. To confirm this would require an intensive study of the xenolith populations from the Victor kimberlite.

Metamorphic/Magmatic Massive Sulphide Indicator Mineral Results

Metamorphic/magmatic massive sulphide indicator minerals (MMSIMs®) are stable heavy minerals that occur in alteration zones associated with volcanogenic massive sulphide deposits in high grade terrains; in magmatic Ni-Cu sulphide deposits; and in skarn and greisen deposits (Averill 1999). The heavy mineral assemblages associated with each of these deposit types are listed in Table 1. The MMSIM® indicator mineral system has been developed on the basis of extensive experience in processing surficial materials associated with known base metal deposits. The recognition that anomalous concentrations of certain groups or pairs of minerals associated with these deposits can occur in secondary environment sediments provides the basis for utilising the MMSIM® system.

Common mineral associations in VMS type dispersal trains are gahnite-barite, chalcopyrite-spessartine (or Mn epidote), gahnite-chalcopyrite-staurolite (or anthophyllite) and red rutile-spinel-kyanite (or sillimanite). Gahnite is probably the most important MMSIM® since it is enriched in the ore metal (Zn) and is extremely stable in the secondary environment. Other MMSIMs® associated with VMS deposits include kyanite, sillimanite, staurolite and orthopyroxene.

Magmatic Ni-Cu indicator minerals are characterised by distinctive Cr-rich phases such as Cr-diopside, chromite, uvarovite, Cr-rutile and aluminous phases such as hercynite. Averill (1999) suggests that these phases are produced as a result of the separation of Ni-Cu-Fe-S liquids from ultramafic magmas which results in the subsequent enrichment of Mg, Fe, Cr, Al and Si in the residual melt. Other phases associated with these deposits include chalcopyrite, forsteritic olivine, Mg-orthopyroxene, Ni and Pt arsenides and PGE alloys.

One of the major challenges in dealing with this somewhat complex group of minerals is that many of these phases occur as common components in nonmineralized rocks. Averill (1999) suggests that olivine, orthopyroxene and chromite occurrences in alluvial samples should only be emphasized if other more diagnostic indicator minerals are present. This can also be extended to Cr-diopsides which can be very common in the heavy mineral concentrates collected from broad regional sampling programs in Ontario. Ideally, emphasis should be placed on the recovery of the ore phases themselves. However, sulphides are not particularly stable in the secondary environment although chalcopyrite and, to a lesser degree, sphalerite are nominally stable in postglacial terrains. It would seem logical, therefore, to highlight these occurrences together with more stable ore-enriched phases, such as gahnites, whenever they occur.

Table 1. Indicator minerals commonly associated with base metal mineralization (after Averill 1999). Shaded areas indicate an association between mineral and type of deposit.

Indicator Mineral	VMS	Magmatic Ni-Cu	Skarn	Greisen	Other occurrence
Sillimanite					High grade metamorphic
Kyanite					High grade metamorphic
Corundum					High grade metamorphic
Anthopyllite					High grade metamorphic
Mg-spinel					High grade metamorphic
Sapharine					High grade metamorphic
Staurolite					High grade metamorphic
Dumortierite					
Mn-epidote					
Spessartine					metavolcanics
Gahnite					
Franklinite					
Willemite					
Barite					
Cinnabar					
Loellingite					
Native Au					
Orthopyroxene					High grade metamorphic
Cr-rutile					
Chalcopyrite					
Tourmaline					
Olivine (Forst)					Mafic igneous
Hercynite					
Low-Cr diopside					Mafic Igneous
Chromite					Mafic Igneous
Uvarovite					
Loellingite					
Rammelsbergite					
Sperrylite					
PGE alloys					
Olivine (kneb)					
Vesuvianite					
Johannsenite					
Grossular					
Scheelite					
Topaz					
Fluorite					
Cassiterite					
Wolframite					

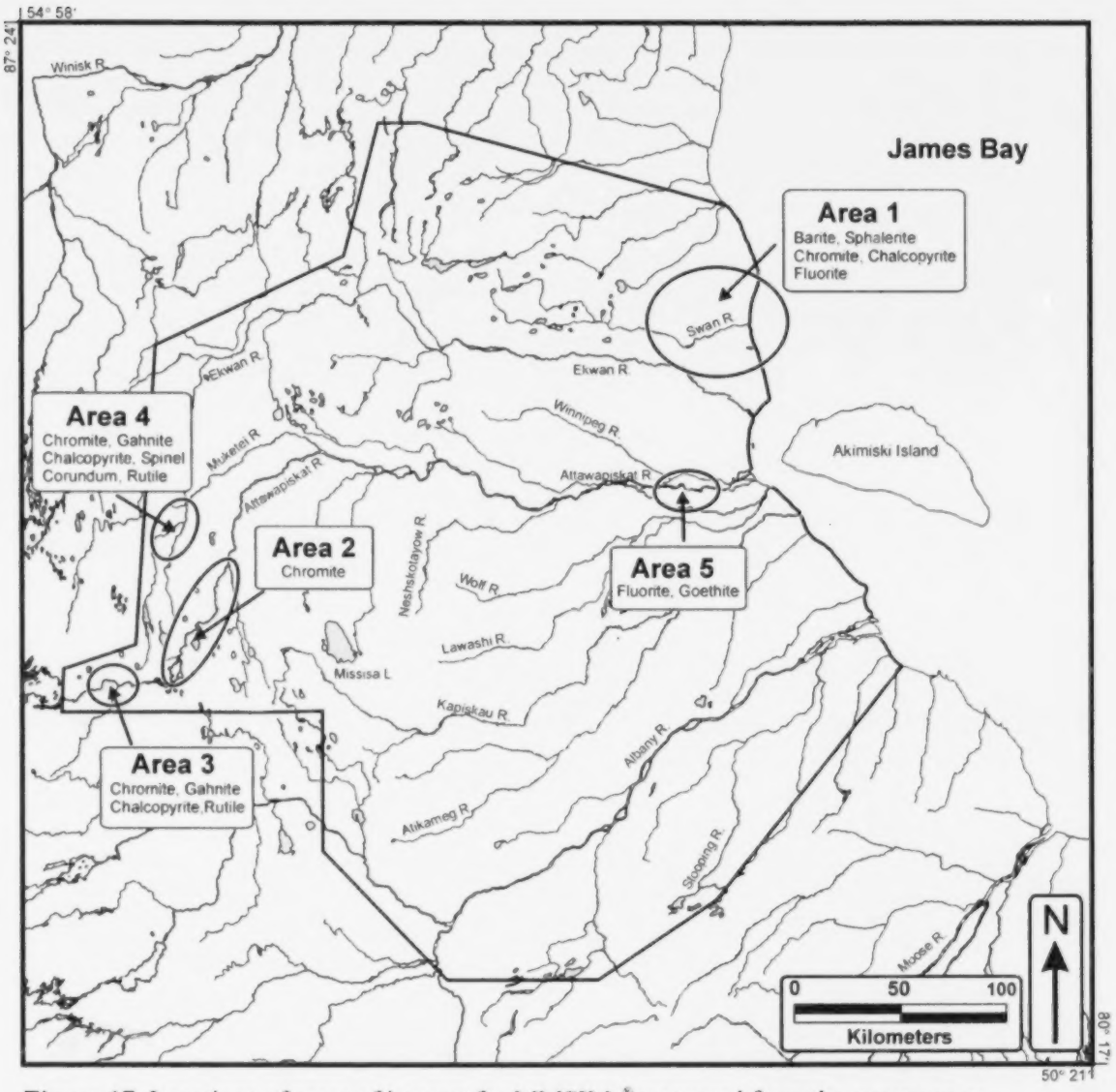


Figure 17. Locations of areas of interest for MMSIMs® recovered from the survey area.

The picking results for the MMSIMs® are listed in Appendix D. This is a simplified tabulation of the results that combines the mineral counts recorded for each of the size fractions. In order to simplify the process of evaluating these data, areas that show high grain counts of more than 1 mineral type and in contiguous samples are shown on Figure 17. The chromite data from the KIM data set (Appendix B) has also been included here as part of the MMSIM® data set.

One of the most noticeable aspects of the MMSIM® data is the high proportion of samples that contain chalcopyrite. Of the samples collected, 70% produced at least 1 grain with 50% of samples producing at least 2 grains. The maximum chalcopyrite grain count for the survey area is 26; however, no noticeable trends can be identified in the data to suggest that any particular areas are distinctly anomalous. Instead, samples are noted when they contain elevated chalcopyrite counts and when other minerals of interest are also present.

There are a few areas highlighted that are worthy of discussion. One of the most interesting anomalies occurs on the Swan River (Area 1). Some of the samples from this area produced high barite and sphalerite counts. Although not particularly intense, the anomaly may be associated with Mississippi Valley type mineralization and is worthy of further investigation. The most important samples recovered from this area are 01JBL-0356 (108 barite, 25 sphalerite and 19 chalcopyrite) and 01JBL-0353 (53 barite and 2 sphalerite). In sample 01JBL-0336, which was collected south of Area 1 on the Ekwan River, 64 sphalerite grains were identified.

Areas 2 and 3 mark the location of intense chromite anomalies that exist south of the mafic complex located in the vicinity of Fishtrap Lake. This area was identified by Crabtree and Gleeson (2003) as a prime candidate for PGE evaluation. The chromite anomaly in Area 4 (Muketei River) is likely linked to the same mafic complex. Sample 01JBL-1058, which was collected in this area, is interesting in that it produced 10 gahnites, 26 chalcopyrites, 32 spinels, 18 corundums and 2 molybdenites. The recent discovery by De Beers of a significant base metal occurrence (*The Northern Miner*, November 18, 2002, p.1) in the west portion of the survey area suggests that the west portion of the James Bay Lowland survey area has good potential to host base metal mineralization.

Another observation on the MMSIMs® data relates to an unusual series of samples with elevated fluorite counts that occur along the Attawapiskat River and a small tributary leading into the river (Area 5). Although no definitive link can be made to any particular mode of mineralization it is interesting to note that samples collected in the same area exhibit highly elevated goethite concentrations in the heavy mineral concentrates.

Gold Results

The results of the gold grain counts are listed in Appendix E. Recoveries are quite modest, with the highest count being 6 gold grains. Figure 18 shows the distribution of the gold grains, and areas with contiguous sample anomalies are highlighted. It is difficult to know if these results are meaningful since the Paleozoic cover in much of the eastern part of the survey area is thick. It is conceivable that these grains could have been transported into the basin and have since been reworked and captured in heavy mineral traps in the rivers.

Acknowledgements

The Ontario Geological Survey would like to thank James Burns and Patrick Chance for implementing the necessary training and for tracking the sampling program through to completion.

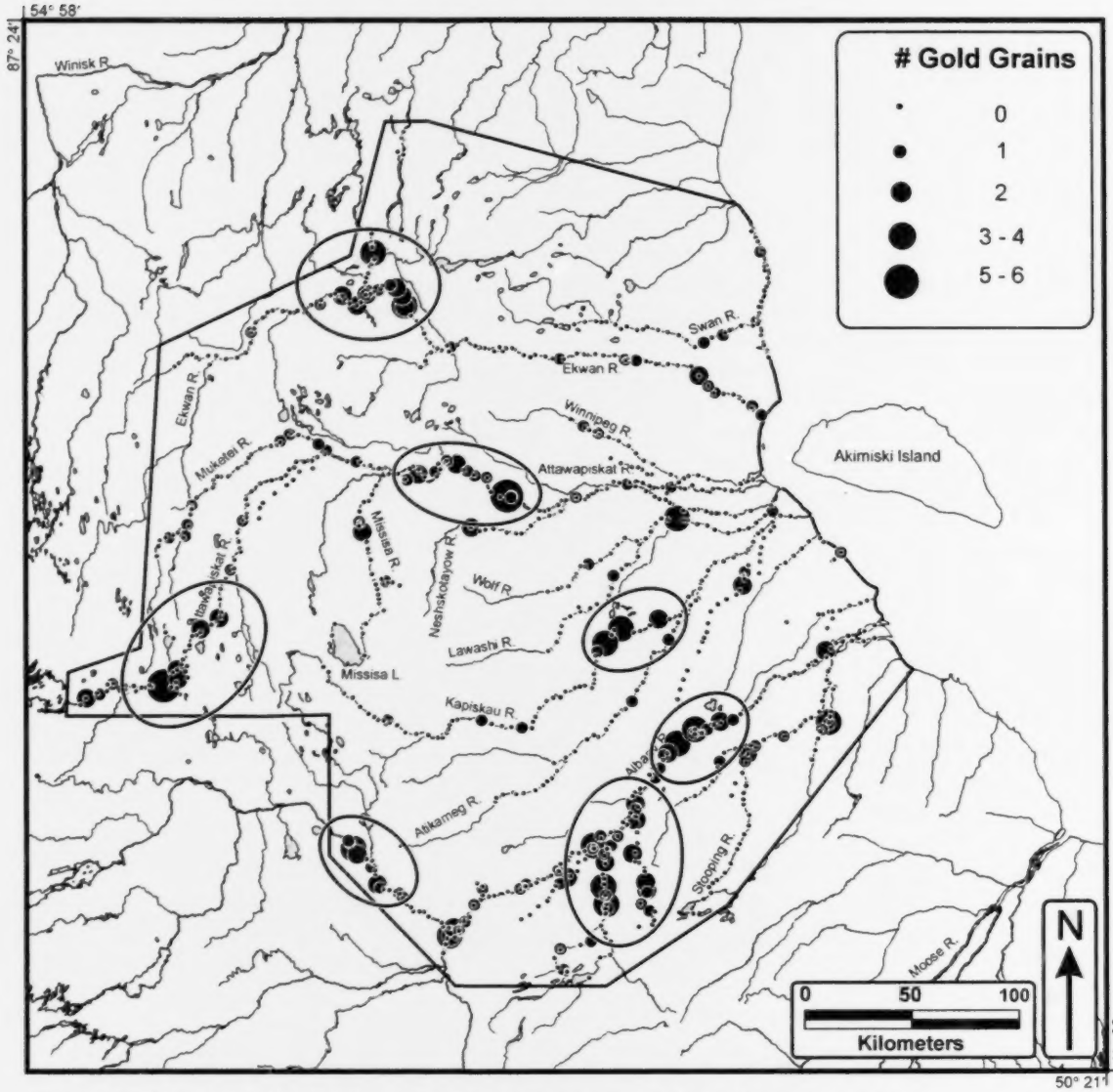


Figure 18. Regional distribution of gold grains recovered from the survey area.

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APPENDIX A: Sample Locations by Geographic and UTM Coordinates.

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-0001	-83.50581	52.62042	17	330377	5832995	330371	5832777
01JBL-0002	-83.55027	52.61746	17	327357	5832772	327351	5832554
01JBL-0003	-83.53278	52.61187	17	328518	5832108	328512	5831890
01JBL-0004	-83.55924	52.61430	17	326737	5832441	326731	5832224
01JBL-0007	-83.59211	52.58168	17	324382	5828894	324375	5828676
01JBL-0008	-83.60403	52.56780	17	323519	5827379	323512	5827162
01JBL-0009	-83.61894	52.56119	17	322481	5826680	322475	5826463
01JBL-0010	-83.62588	52.55255	17	321976	5825737	321970	5825519
01JBL-0011	-83.63817	52.54697	17	321120	5825147	321114	5824929
01JBL-0012	-83.64667	52.54153	17	320522	5824563	320516	5824345
01JBL-0013	-83.65130	52.53677	17	320188	5824045	320182	5823827
01JBL-0014	-83.65043	52.53176	17	320227	5823485	320221	5823268
01JBL-0015	-83.69998	52.52817	17	316852	5823211	316846	5822993
01JBL-0016	-83.72026	52.52295	17	315454	5822682	315448	5822464
01JBL-0017	-83.79210	52.51223	17	310536	5821677	310529	5821459
01JBL-0028	-83.50450	52.89570	17	331532	5863605	331526	5863388
01JBL-0029	-83.56713	52.90412	17	327353	5864690	327347	5864473
01JBL-0030	-83.64197	52.89391	17	322279	5863738	322273	5863520
01JBL-0031	-83.69319	52.87711	17	318764	5861998	318758	5861780
01JBL-0032	-83.75812	52.85897	17	314319	5860146	314312	5859929
01JBL-0033	-83.82271	52.85513	17	309954	5859889	309948	5859671
01JBL-0038A	-83.64338	52.88457	17	322146	5862702	322140	5862485
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01JBL-0040	-83.67696	52.84949	17	319742	5858885	319736	5858668
01JBL-0041	-83.72609	52.83630	17	316379	5857543	316372	5857326
01JBL-0042	-83.74170	52.83447	17	315320	5857380	315313	5857162
01JBL-0043	-83.75618	52.83293	17	314338	5857245	314331	5857028
01JBL-0044	-83.82757	52.82391	17	309491	5856429	309484	5856212
01JBL-0045	-83.82836	52.82239	17	309431	5856262	309424	5856045
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01JBL-0089	-84.81470	52.56457	16	648118	5826077	648123	5825860
01JBL-0090	-84.81285	52.56269	16	648250	5825872	648255	5825655
01JBL-0091	-84.95637	52.50875	16	638693	5819589	638697	5819371
01JBL-0092	-84.95958	52.52672	16	638419	5821581	638423	5821363
01JBL-0093	-84.96615	52.54928	16	637902	5824077	637907	5823859
01JBL-0094	-84.98373	52.58402	16	636602	5827907	636607	5827689

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-0095	-84.97760	52.57403	16	637049	5826808	637053	5826590
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01JBL-0098	-84.99992	52.61367	16	635414	5831174	635418	5830956
01JBL-0100	-85.00406	52.67363	16	634949	5837835	634953	5837617
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01JBL-0107	-85.93754	52.68569	16	571818	5837836	571820	5837619
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01JBL-0109	-85.96680	52.64437	16	569906	5833212	569908	5832995
01JBL-0110	-86.00121	52.60589	16	567637	5828899	567640	5828681
01JBL-0111	-85.94149	52.64966	16	571610	5833825	571612	5833608
01JBL-0115	-85.56700	52.99828	16	596170	5873040	596173	5872822
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01JBL-0117	-85.73575	52.92459	16	584990	5864630	584993	5864412
01JBL-0118	-85.75636	52.90385	16	583645	5862299	583647	5862082
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01JBL-0139	-84.01371	52.92014	16	700756	5867563	700763	5867345
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01JBL-0145	-84.15370	52.94353	16	691244	5869781	691250	5869563
01JBL-0146	-83.88634	52.79347	17	305396	5853202	305389	5852984
01JBL-0147	-83.94032	52.76472	17	301626	5850152	301619	5849935
01JBL-0148B	-83.95478	52.76326	17	300644	5850030	300637	5849812
01JBL-0153	-83.99131	52.76504	17	298188	5850330	298181	5850112
01JBL-0154	-84.04049	52.76993	16	699644	5850785	699651	5850568
01JBL-0155	-84.05566	52.76916	16	698624	5850657	698631	5850440
01JBL-0157	-84.13529	52.79133	16	693156	5852906	693162	5852688

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-0158	-84.14771	52.78709	16	692337	5852400	692344	5852183
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01JBL-0160	-84.20490	52.78424	16	688494	5851932	688500	5851715
01JBL-0161	-84.23935	52.77894	16	686194	5851253	686200	5851035
01JBL-0162	-84.24386	52.77989	16	685886	5851347	685892	5851130
01JBL-0163	-84.30426	52.79601	16	681745	5852985	681752	5852768
01JBL-0164	-84.30705	52.79815	16	681549	5853217	681555	5852999
01JBL-0177	-84.94996	52.98730	16	637612	5872823	637616	5872606
01JBL-0178	-84.98160	52.94934	16	635606	5868542	635611	5868325
01JBL-0187	-84.68014	54.38153	16	650658	6028452	650664	6028236
01JBL-0188	-84.71898	54.39434	16	648090	6029794	648096	6029578
01JBL-0190	-84.67798	54.44465	16	650567	6035479	650572	6035263
01JBL-0191	-84.68817	54.45275	16	649877	6036358	649883	6036142
01JBL-0192	-84.68219	54.47141	16	650196	6038446	650202	6038230
01JBL-0193	-84.67211	54.47697	16	650829	6039086	650834	6038870
01JBL-0214	-84.92421	54.05199	16	635888	5991299	635893	5991083
01JBL-0215	-84.93026	54.01666	16	635607	5987358	635612	5987142
01JBL-0216	-84.92386	54.00244	16	636073	5985788	636078	5985572
01JBL-0226	-82.25166	53.20791	17	416406	5896130	416403	5895913
01JBL-0227	-82.30693	53.23342	17	412768	5899034	412765	5898817
01JBL-0228	-82.31623	53.24272	17	412165	5900080	412162	5899863
01JBL-0229	-82.31210	53.24783	17	412452	5900644	412449	5900427
01JBL-0239	-83.10018	53.00785	17	359090	5875207	359086	5874990
01JBL-0240	-83.12589	53.01786	17	357399	5876371	357394	5876154
01JBL-0241	-83.16881	53.02060	17	354529	5876762	354524	5876545
01JBL-0242	-83.24296	53.03941	17	349622	5879007	349617	5878790
01JBL-0243	-83.31331	53.06374	17	344993	5881863	344988	5881646
01JBL-0244	-83.31335	53.06263	17	344987	5881740	344981	5881522
01JBL-0245	-83.02421	53.02873	17	364252	5877383	364248	5877166
01JBL-0246	-83.07485	53.04665	17	360915	5879473	360910	5879256
01JBL-0247	-83.08547	53.04471	17	360196	5879278	360192	5879060
01JBL-0248	-83.13608	53.07788	17	356914	5883067	356909	5882850
01JBL-0249	-83.18361	53.11128	17	353844	5886877	353839	5886660
01JBL-0250	-83.24891	53.13322	17	349550	5889453	349545	5889236
01JBL-0251	-83.31792	53.15167	17	345001	5891652	344996	5891435
01JBL-0252B	-83.38978	53.17082	17	340268	5893940	340262	5893723
01JBL-0253	-83.39061	53.16839	17	340203	5893671	340198	5893454
01JBL-0254	-83.40899	53.17969	17	339017	5894970	339012	5894753
01JBL-0255	-83.44994	53.18631	17	336306	5895799	336301	5895582
01JBL-0256	-83.48017	53.19884	17	334335	5897262	334329	5897045
01JBL-0257	-83.49110	53.20352	17	333623	5897808	333618	5897591
01JBL-0259	-83.56161	53.23229	17	329030	5901174	329024	5900957
01JBL-0260	-83.57713	53.23571	17	328008	5901591	328002	5901374
01JBL-0267	-83.60219	53.49109	17	327371	5930054	327365	5929837
01JBL-0268	-83.62815	53.49217	17	325654	5930238	325648	5930021
01JBL-0269	-83.67629	53.49512	17	322473	5930685	322467	5930468
01JBL-0272	-83.02721	53.46452	17	365426	5925860	365421	5925643
01JBL-0273	-83.09823	53.46961	17	360728	5926563	360723	5926346
01JBL-0274	-83.15594	53.47814	17	356928	5927625	356923	5927408
01JBL-0275	-83.17675	53.47557	17	355538	5927381	355533	5927164
01JBL-0276	-83.17299	53.47247	17	355777	5927029	355772	5926812

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-0277	-83.24357	53.49645	17	351177	5929842	351172	5929625
01JBL-0278	-83.32258	53.49821	17	345943	5930205	345938	5929988
01JBL-0290	-82.50347	53.30788	17	399824	5907575	399820	5907357
01JBL-0291	-82.56427	53.31532	17	395791	5908489	395788	5908272
01JBL-0292	-82.57783	53.31505	17	394887	5908479	394883	5908262
01JBL-0293	-82.60753	53.34428	17	392982	5911774	392978	5911557
01JBL-0294	-82.66938	53.39003	17	388984	5916958	388980	5916741
01JBL-0295	-82.71285	53.43273	17	386207	5921776	386203	5921559
01JBL-0296	-82.71665	53.43194	17	385953	5921694	385949	5921477
01JBL-0297	-82.80902	53.43889	17	379837	5922619	379833	5922402
01JBL-0298	-82.87589	53.44637	17	375417	5923566	375413	5923349
01JBL-0299	-82.93965	53.45006	17	371194	5924089	371190	5923872
01JBL-0300	-82.95982	53.45041	17	369856	5924166	369852	5923949
01JBL-0318	-82.18942	53.48670	17	421080	5927073	421077	5926856
01JBL-0321	-82.17732	53.47706	17	421865	5925987	421862	5925770
01JBL-0322	-82.17707	53.46467	17	421859	5924608	421856	5924391
01JBL-0326	-82.16945	53.45524	17	422348	5923550	422345	5923333
01JBL-0327	-82.17177	53.44873	17	422181	5922830	422178	5922613
01JBL-0333	-82.36737	53.27077	17	408813	5903265	408810	5903047
01JBL-0334	-82.37110	53.26953	17	408562	5903131	408559	5902914
01JBL-0336	-82.43722	53.30567	17	404233	5907238	404230	5907021
01JBL-0337	-82.43426	53.30250	17	404424	5906881	404420	5906664
01JBL-0338	-82.15217	53.74663	17	424019	5955949	424016	5955732
01JBL-0339	-82.16836	53.73122	17	422924	5954252	422921	5954035
01JBL-0340	-82.19458	53.68695	17	421111	5949356	421109	5949139
01JBL-0341	-82.21447	53.66439	17	419755	5946868	419752	5946651
01JBL-0342	-82.21000	53.64311	17	420010	5944495	420007	5944278
01JBL-0343	-82.21509	53.63681	17	419662	5943800	419659	5943583
01JBL-0345	-82.22398	53.62260	17	419047	5942230	419044	5942013
01JBL-0346	-82.22982	53.61390	17	418643	5941268	418640	5941051
01JBL-0347	-82.22296	53.60392	17	419079	5940150	419076	5939934
01JBL-0348	-82.23977	53.60329	17	417965	5940100	417962	5939883
01JBL-0349	-82.23978	53.60332	17	417964	5940103	417961	5939886
01JBL-0350A	-82.23276	53.59317	17	418409	5938966	418406	5938749
01JBL-0351	-82.26662	53.58694	17	416156	5938312	416153	5938095
01JBL-0352	-82.33744	53.59328	17	411481	5939103	411478	5938886
01JBL-0353	-82.34811	53.58990	17	410768	5938740	410765	5938523
01JBL-0354	-82.41591	53.57733	17	406253	5937429	406250	5937213
01JBL-0355	-82.43316	53.57455	17	405105	5937143	405102	5936926
01JBL-0356	-82.46627	53.56534	17	402892	5936162	402888	5935945
01JBL-0357	-82.48184	53.55577	17	401838	5935119	401835	5934902
01JBL-0358	-82.21354	53.54373	17	419587	5933444	419584	5933227
01JBL-0359	-82.20811	53.52474	17	419911	5931326	419909	5931109
01JBL-0360	-82.20610	53.51823	17	420033	5930599	420030	5930382
01JBL-0361	-82.20225	53.51267	17	420277	5929975	420275	5929759
01JBL-0363	-82.19896	53.50249	17	420477	5928840	420474	5928623
01JBL-0366	-82.55933	53.54852	17	396688	5934422	396684	5934205
01JBL-0367	-82.61870	53.52804	17	392702	5932232	392699	5932015
01JBL-0368	-82.68721	53.51374	17	388124	5930747	388120	5930530
01JBL-0369	-82.68310	53.51222	17	388392	5930572	388389	5930355
01JBL-0373	-82.73797	53.54331	17	384839	5934117	384835	5933900

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-0374	-82.78910	53.56582	17	381514	5936704	381510	5936488
01JBL-0375	-82.86540	53.58224	17	376509	5938661	376505	5938444
01JBL-0376	-83.00584	53.60972	17	367299	5941970	367295	5941753
01JBL-0378	-83.03566	53.59881	17	365292	5940813	365287	5940596
01JBL-0379	-83.07726	53.59826	17	362538	5940831	362533	5940615
01JBL-0380	-83.14743	53.61447	17	357950	5942773	357945	5942556
01JBL-0381	-83.18943	53.60599	17	355143	5941913	355138	5941696
01JBL-0382	-83.22143	53.62019	17	353075	5943558	353070	5943342
01JBL-0383	-83.22704	53.62572	17	352723	5944186	352718	5943969
01JBL-0384	-83.28867	53.64140	17	348704	5946058	348699	5945842
01JBL-0386	-83.28929	53.63962	17	348657	5945862	348652	5945646
01JBL-0387	-83.32614	53.63905	17	346219	5945878	346214	5945661
01JBL-0388	-83.36129	53.64354	17	343913	5946454	343907	5946237
01JBL-0389	-83.43911	53.64395	17	338771	5946673	338765	5946457
01JBL-0395	-83.36935	53.50608	17	342871	5931182	342865	5930965
01JBL-0396	-83.37919	53.50533	17	342215	5931120	342210	5930904
01JBL-0397	-83.43701	53.50427	17	338377	5931132	338372	5930915
01JBL-0398	-83.45901	53.50628	17	336926	5931407	336921	5931190
01JBL-0399	-83.72779	53.50486	17	319100	5931897	319093	5931680
01JBL-0400	-83.79127	53.51395	17	314930	5933071	314924	5932854
01JBL-0401	-83.79999	53.51398	17	314352	5933097	314346	5932880
01JBL-0402	-83.88044	53.51511	17	309025	5933436	309018	5933219
01JBL-0403	-83.88322	53.51372	17	308834	5933289	308828	5933072
01JBL-0404	-83.94166	53.54144	17	305088	5936530	305081	5936313
01JBL-0405	-83.51658	53.63527	17	333616	5945886	333611	5945669
01JBL-0406	-83.64549	53.63378	17	325089	5946029	325083	5945813
01JBL-0417	-83.50797	53.51171	17	333702	5932124	333696	5931907
01JBL-0418	-82.21811	53.99457	17	420145	5983605	420142	5983388
01JBL-0419	-82.22710	53.98510	17	419537	5982561	419534	5982344
01JBL-0420	-82.20250	53.95699	17	421097	5979406	421094	5979189
01JBL-0422	-82.19095	53.94038	17	421824	5977545	421821	5977328
01JBL-0423	-82.17370	53.90162	17	422885	5973214	422882	5972998
01JBL-0424	-82.17837	53.89544	17	422566	5972531	422564	5972315
01JBL-0425	-82.15033	53.84480	17	424318	5966868	424315	5966652
01JBL-0426	-82.13859	53.83562	17	425074	5965834	425071	5965617
01JBL-0427	-82.15534	53.83097	17	423963	5965334	423961	5965118
01JBL-0428	-82.15443	53.81639	17	423997	5963711	423994	5963495
01JBL-0429	-82.13719	53.78417	17	425074	5960109	425071	5959892
01JBL-0431	-84.17792	53.00446	16	689351	5876492	689357	5876275
01JBL-0432	-84.17960	53.00537	16	689233	5876589	689240	5876372
01JBL-0433	-84.26710	53.01926	16	683305	5877907	683312	5877689
01JBL-0434	-84.26347	53.01473	16	683568	5877412	683574	5877194
01JBL-0435	-84.33819	53.04166	16	678445	5880218	678451	5880001
01JBL-0437	-84.38890	53.06658	16	674945	5882864	674951	5882647
01JBL-0438	-84.45571	53.08293	16	670405	5884521	670411	5884304
01JBL-0439	-84.46654	53.07624	16	669706	5883751	669712	5883534
01JBL-0442	-84.31209	53.03546	16	680220	5879594	680227	5879377
01JBL-0447	-84.51436	53.07140	16	666523	5883102	666528	5882885
01JBL-0448	-84.50362	53.04717	16	667336	5880432	667342	5880215
01JBL-0449	-84.53955	53.03755	16	664965	5879278	664970	5879061
01JBL-0450	-84.52893	53.01890	16	665748	5877229	665754	5877012

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-0451	-84.61412	53.01902	16	660034	5877049	660040	5876832
01JBL-0452	-84.65235	53.03884	16	657398	5879168	657403	5878951
01JBL-0453	-84.65704	53.02913	16	657119	5878079	657125	5877861
01JBL-0454	-84.65150	53.05112	16	657411	5880536	657416	5880318
01JBL-0455	-84.69154	53.06312	16	654684	5881784	654689	5881567
01JBL-0456	-84.71543	53.05514	16	653111	5880845	653117	5880628
01JBL-0457	-84.75243	53.00954	16	650791	5875694	650796	5875477
01JBL-0458	-84.73782	53.00784	16	651778	5875537	651783	5875320
01JBL-0459	-84.79857	53.03637	16	647604	5878583	647609	5878366
01JBL-0461	-84.86024	53.03427	16	643477	5878223	643482	5878006
01JBL-0462	-84.88383	53.06131	16	641807	5881184	641812	5880967
01JBL-0463	-84.90963	53.05785	16	640090	5880748	640094	5880531
01JBL-0464	-84.92834	53.06007	16	638829	5880959	638833	5880742
01JBL-0465	-84.99781	53.06995	16	634143	5881926	634147	5881709
01JBL-0466	-84.98625	53.07245	16	634910	5882226	634914	5882009
01JBL-0480	-85.05775	53.08966	16	630068	5884007	630073	5883790
01JBL-0481	-85.08291	53.08953	16	628383	5883947	628388	5883730
01JBL-0482	-85.14422	53.09305	16	624268	5884231	624272	5884014
01JBL-0484	-85.29751	53.12638	16	613916	5887683	613920	5887466
01JBL-0485	-85.29006	53.14130	16	614375	5889355	614379	5889138
01JBL-0486	-85.34711	53.11627	16	610624	5886481	610628	5886264
01JBL-0487	-85.35201	53.11355	16	610303	5886171	610307	5885954
01JBL-0488	-85.38925	53.09915	16	607846	5884513	607850	5884296
01JBL-0489	-85.44393	53.09435	16	604197	5883898	604201	5883681
01JBL-0490	-85.42152	53.10008	16	605683	5884568	605687	5884350
01JBL-0491	-85.49827	53.09569	16	600556	5883969	600559	5883752
01JBL-0494	-85.38490	53.06667	16	608219	5880906	608223	5880689
01JBL-0496	-85.47756	53.05402	16	602041	5879363	602044	5879146
01JBL-0498	-85.34219	53.16872	16	610818	5892323	610822	5892106
01JBL-0499	-85.41136	53.19543	16	606128	5895189	606132	5894972
01JBL-0500	-85.48862	53.20782	16	600938	5896455	600942	5896238
01JBL-0501	-85.49039	53.20722	16	600821	5896386	600825	5896169
01JBL-0502	-85.53150	53.21652	16	598055	5897364	598058	5897146
01JBL-0503	-85.53842	53.21202	16	597603	5896854	597606	5896636
01JBL-0504	-85.60730	53.18093	16	593071	5893303	593074	5893086
01JBL-0505	-85.60593	53.18493	16	593154	5893750	593157	5893533
01JBL-0506	-85.62738	53.16953	16	591753	5892009	591757	5891792
01JBL-0507	-85.67044	53.16481	16	588885	5891430	588888	5891213
01JBL-0508	-85.74388	53.15460	16	583995	5890206	583998	5889988
01JBL-0509	-85.80901	53.13007	16	579686	5887403	579689	5887185
01JBL-0510	-85.82702	53.11600	16	578506	5885818	578509	5885600
01JBL-0511	-85.84375	53.09500	16	577424	5883463	577427	5883246
01JBL-0512	-85.90334	53.07374	16	573471	5881036	573473	5880818
01JBL-0513	-85.95898	53.04438	16	569791	5877714	569793	5877497
01JBL-0514	-85.97060	53.04021	16	569018	5877239	569021	5877022
01JBL-0518	-85.51224	53.07201	16	599675	5881315	599678	5881098
01JBL-0519	-85.54671	53.06355	16	597384	5880327	597388	5880110
01JBL-0520	-85.57219	53.04029	16	595729	5877706	595732	5877489
01JBL-0521	-85.60463	53.02817	16	593581	5876314	593584	5876097
01JBL-0522	-85.67233	53.01970	16	589057	5875287	589060	5875069
01JBL-0523	-85.75100	53.00690	16	583806	5873768	583809	5873550

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-0524	-85.52101	53.01938	16	599208	5875449	599211	5875232
01JBL-0535	-84.57240	53.49588	16	661030	5930179	661036	5929962
01JBL-0537	-84.61380	53.48151	16	658338	5928487	658343	5928270
01JBL-0549	-84.00363	53.54734	16	698509	5937337	698516	5937121
01JBL-0550	-84.04872	53.55339	16	695494	5937885	695501	5937668
01JBL-0551	-84.02807	53.53583	16	696943	5935989	696950	5935772
01JBL-0552	-84.09507	53.54720	16	692453	5937070	692460	5936853
01JBL-0553	-84.08697	53.53674	16	693037	5935929	693044	5935712
01JBL-0554	-84.15391	53.55245	16	688533	5937497	688539	5937280
01JBL-0555	-84.14881	53.55834	16	688844	5938165	688851	5937948
01JBL-0556	-84.21932	53.56288	16	684155	5938485	684162	5938268
01JBL-0557	-84.30169	53.59321	16	678574	5941649	678580	5941433
01JBL-0558	-84.28356	53.59371	16	679771	5941750	679777	5941534
01JBL-0559	-84.34791	53.57113	16	675607	5939078	675613	5938861
01JBL-0560	-84.39843	53.56208	16	672299	5937948	672305	5937731
01JBL-0561	-84.41286	53.55045	16	671390	5936620	671396	5936403
01JBL-0562	-84.48918	53.55952	16	666300	5937448	666306	5937231
01JBL-0563	-84.46087	53.55031	16	668211	5936489	668217	5936273
01JBL-0564	-84.42113	53.57060	16	670761	5938841	670767	5938624
01JBL-0575	-84.54131	53.58514	16	662750	5940177	662755	5939960
01JBL-0576	-84.57968	53.62444	16	660061	5944461	660067	5944244
01JBL-0577	-84.61821	53.66694	16	657355	5949102	657361	5948885
01JBL-0578	-84.62623	53.67648	16	656790	5950145	656796	5949928
01JBL-0579	-84.66753	53.70222	16	653969	5952918	653974	5952701
01JBL-0580	-84.70995	53.73884	16	651038	5956900	651043	5956684
01JBL-0581	-84.71127	53.74335	16	650934	5957399	650940	5957182
01JBL-0597	-84.52945	53.54602	16	663685	5935852	663691	5935636
01JBL-0598	-84.53620	53.54326	16	663249	5935530	663255	5935313
01JBL-0599	-84.57679	53.50833	16	660692	5931553	660698	5931336
01JBL-0604	-85.41391	53.72849	16	604639	5954482	604642	5954266
01JBL-0605	-85.48714	53.73084	16	599802	5954638	599806	5954421
01JBL-0606	-85.48555	53.72839	16	599913	5954367	599917	5954150
01JBL-0607	-85.46086	53.73436	16	601527	5955067	601531	5954850
01JBL-0611	-85.04553	53.75069	16	628871	5957557	628876	5957340
01JBL-0612	-85.04550	53.75069	16	628873	5957557	628878	5957340
01JBL-0613	-85.04550	53.75069	16	628874	5957557	628878	5957340
01JBL-0614	-85.57240	53.73635	16	594166	5955135	594169	5954918
01JBL-0615	-85.56622	53.73459	16	594577	5954947	594581	5954730
01JBL-0616	-85.63622	53.73864	16	589952	5955307	589955	5955090
01JBL-0617	-85.67334	53.73087	16	587519	5954395	587522	5954179
01JBL-0618	-85.69234	53.71158	16	586306	5952226	586309	5952010
01JBL-0619	-85.70894	53.70858	16	585216	5951873	585219	5951656
01JBL-0620	-85.76094	53.68831	16	581823	5949556	581826	5949340
01JBL-0621	-85.77128	53.66249	16	581190	5946673	581193	5946456
01JBL-0622	-85.79367	53.64524	16	579743	5944728	579746	5944511
01JBL-0623	-85.79344	53.64729	16	579754	5944957	579757	5944740
01JBL-0624	-85.79603	53.60226	16	579668	5939944	579671	5939727
01JBL-0625	-85.82544	53.56069	16	577798	5935287	577801	5935070
01JBL-0626	-85.83146	53.56130	16	577399	5935348	577401	5935131
01JBL-0627	-85.89346	53.54131	16	573327	5933059	573329	5932843
01JBL-0630	-85.97064	53.53659	16	568220	5932457	568223	5932240

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-0635	-85.51473	53.72767	16	597990	5954247	597993	5954031
01JBL-0648	-85.01857	53.76410	16	630608	5959097	630612	5958881
01JBL-0649	-85.09509	53.76148	16	625572	5958668	625576	5958452
01JBL-0650	-85.13344	53.77900	16	622992	5960550	622997	5960334
01JBL-0652	-85.18446	53.79585	16	619583	5962337	619588	5962121
01JBL-0653	-85.19764	53.80311	16	618695	5963123	618699	5962906
01JBL-0654	-85.22726	53.79760	16	616760	5962461	616764	5962244
01JBL-0655	-85.14595	53.79485	16	622122	5962292	622127	5962075
01JBL-0656	-85.14679	53.79353	16	622071	5962143	622075	5961926
01JBL-0657	-85.29541	53.77770	16	612325	5960137	612329	5959920
01JBL-0658	-85.30225	53.76037	16	611920	5958198	611924	5957981
01JBL-0659	-85.30149	53.75650	16	611981	5957769	611985	5957552
01JBL-0660	-85.36531	53.75860	16	607768	5957904	607772	5957687
01JBL-0669	-84.72613	53.78737	16	649798	5962263	649803	5962047
01JBL-0670	-84.76653	53.82136	16	647018	5965960	647023	5965744
01JBL-0671	-84.80692	53.83316	16	644319	5967189	644324	5966972
01JBL-0672	-84.85983	53.83049	16	640847	5966786	640852	5966569
01JBL-0673	-84.87311	53.81938	16	640010	5965524	640015	5965308
01JBL-0674	-84.89283	53.81351	16	638731	5964833	638736	5964616
01JBL-0675	-84.92436	53.80568	16	636681	5963901	636686	5963684
01JBL-0676	-84.94664	53.79800	16	635239	5963003	635244	5962786
01JBL-0677	-84.97576	53.80103	16	633312	5963286	633316	5963069
01JBL-0678	-84.97403	53.79678	16	633439	5962815	633444	5962599
01JBL-0679	-84.97790	53.79777	16	633181	5962918	633186	5962701
01JBL-0680	-84.98024	53.79630	16	633031	5962750	633036	5962534
01JBL-0681	-84.98180	53.84101	16	632787	5967721	632792	5967505
01JBL-0682	-84.98098	53.84802	16	632819	5968503	632823	5968286
01JBL-0683	-84.97022	53.86861	16	633461	5970814	633466	5970597
01JBL-0684	-84.95884	53.88603	16	634154	5972772	634159	5972556
01JBL-0685	-84.93681	53.91188	16	635518	5975690	635523	5975474
01JBL-0686	-84.94565	53.91679	16	634921	5976219	634926	5976002
01JBL-0687	-84.92991	53.92458	16	635929	5977115	635934	5976899
01JBL-0688	-84.91649	53.93944	16	636762	5978794	636767	5978578
01JBL-0689	-84.90996	53.94482	16	637173	5979406	637178	5979189
01JBL-0690	-84.91914	53.97040	16	636487	5982233	636492	5982017
01JBL-0691	-84.92389	53.99499	16	636095	5984959	636100	5984743
01JBL-0717	-86.01949	53.03901	16	565742	5877060	565744	5876842
01JBL-0718	-86.04546	53.03976	16	564000	5877120	564002	5876902
01JBL-0719	-86.07417	53.02370	16	562098	5875308	562100	5875090
01JBL-0720	-86.06891	53.00530	16	562477	5873266	562480	5873048
01JBL-0834	-86.33388	53.50738	16	544177	5928921	544179	5928704
01JBL-0840	-86.04620	53.54001	16	563207	5932768	563210	5932551
01JBL-0841	-86.04282	53.54218	16	563428	5933012	563430	5932795
01JBL-0842	-86.08635	53.51369	16	560585	5929806	560587	5929589
01JBL-0844	-86.03899	53.55069	16	563669	5933962	563671	5933745
01JBL-0845	-86.09032	53.55307	16	560265	5934183	560267	5933966
01JBL-0846	-86.09908	53.54876	16	559691	5933696	559693	5933479
01JBL-0847	-86.09628	53.55082	16	559873	5933927	559876	5933711
01JBL-0848	-86.15957	53.53700	16	555699	5932339	555701	5932122
01JBL-0849	-86.17874	53.54492	16	554418	5933205	554420	5932988
01JBL-0850	-86.20836	53.55767	16	552439	5934601	552441	5934384

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-0851	-86.24216	53.55474	16	550204	5934251	550206	5934034
01JBL-0852	-86.30366	53.52183	16	546166	5930548	546168	5930331
01JBL-0853	-86.33425	53.50691	16	544153	5928869	544155	5928652
01JBL-0854	-86.31084	52.24890	16	547048	5788946	547050	5788728
01JBL-0855	-86.27639	52.24092	16	549409	5788081	549410	5787863
01JBL-0856	-86.34402	52.22563	16	544806	5786337	544808	5786119
01JBL-0857	-86.28560	52.21885	16	548804	5785621	548806	5785403
01JBL-0858	-86.27179	52.19169	16	549778	5782609	549779	5782391
01JBL-0860	-86.33829	52.18617	16	545238	5781951	545239	5781733
01JBL-0861	-86.35186	52.17361	16	544322	5780545	544324	5780327
01JBL-0862	-86.38554	52.15200	16	542040	5778123	542041	5777905
01JBL-0864	-86.34603	52.15004	16	544745	5777928	544747	5777710
01JBL-0865	-86.43782	52.15720	16	538459	5778672	538460	5778454
01JBL-0878	-86.37269	52.21542	16	542858	5785184	542860	5784966
01JBL-0880	-86.51855	52.15731	16	532936	5778644	532937	5778426
01JBL-0881	-86.53409	52.16187	16	531870	5779144	531871	5778926
01JBL-0882	-86.56395	52.15146	16	529834	5777974	529835	5777756
01JBL-0883	-86.58638	52.15257	16	528298	5778089	528299	5777871
01JBL-0884	-86.62823	52.15700	16	525433	5778566	525434	5778348
01JBL-0885	-86.62675	52.13676	16	525546	5776315	525546	5776097
01JBL-0886	-86.64165	52.15946	16	524513	5778835	524514	5778617
01JBL-0887	-86.69851	52.14397	16	520631	5777094	520632	5776876
01JBL-0888	-86.71411	52.14152	16	519564	5776817	519565	5776599
01JBL-0889	-86.71719	52.15004	16	519350	5777764	519350	5777546
01JBL-0891	-86.78177	52.17012	16	514925	5779982	514925	5779764
01JBL-0892	-86.78926	52.16761	16	514413	5779701	514414	5779483
01JBL-0893	-86.81470	52.16798	16	512673	5779737	512673	5779519
01JBL-0894	-86.82012	52.16595	16	512303	5779511	512304	5779293
01JBL-0895	-86.82564	52.13774	16	511933	5776372	511933	5776154
01JBL-0896	-86.87555	52.12422	16	508520	5774862	508520	5774644
01JBL-0897	-86.89385	52.12992	16	507266	5775494	507267	5775276
01JBL-0898	-86.97131	52.10905	16	501965	5773168	501965	5772950
01JBL-0899	-86.96662	52.10792	16	502286	5773042	502286	5772824
01JBL-0900	-87.00286	52.08009	16	499804	5769946	499804	5769728
01JBL-0901	-82.34125	52.93766	17	409861	5866178	409858	5865960
01JBL-0902	-82.42149	52.92031	17	404430	5864352	404427	5864134
01JBL-0903	-82.49345	52.89647	17	399538	5861798	399534	5861581
01JBL-0905	-82.22810	52.82553	17	417251	5853570	417249	5853352
01JBL-0906	-82.27435	52.78331	17	414053	5848927	414050	5848709
01JBL-0907	-82.33925	52.75495	17	409617	5845852	409614	5845635
01JBL-0908B	-82.22105	52.79927	17	417677	5850640	417674	5850423
01JBL-0915	-82.37046	52.80638	17	407619	5851612	407616	5851394
01JBL-0916	-82.48009	52.78752	17	400186	5849662	400183	5849444
01JBL-0918	-82.67551	52.75560	17	386926	5846400	386923	5846182
01JBL-0919	-82.73073	52.76477	17	383225	5847509	383221	5847291
01JBL-0920	-82.74351	52.76437	17	382362	5847484	382357	5847267
01JBL-0921	-82.80789	52.78320	17	378070	5849686	378066	5849468
01JBL-0922	-82.83669	52.78506	17	376133	5849942	376129	5849724
01JBL-0923	-82.88148	52.79319	17	373137	5850924	373133	5850707
01JBL-0925	-82.94953	52.79320	17	368549	5851048	368544	5850830
01JBL-0926	-82.97835	52.79788	17	366620	5851621	366616	5851403

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-0927	-82.54179	52.80348	17	396064	5851524	396060	5851306
01JBL-0929	-82.59128	52.80441	17	392730	5851700	392727	5851483
01JBL-0930	-82.60900	52.80550	17	391539	5851848	391535	5851630
01JBL-0931	-82.64347	52.80754	17	389221	5852127	389217	5851910
01JBL-0932	-82.67813	52.81645	17	386907	5853172	386903	5852954
01JBL-0933	-82.73583	52.82663	17	383046	5854397	383042	5854179
01JBL-0934	-82.76076	52.82614	17	381365	5854383	381361	5854166
01JBL-0935	-82.83642	52.82584	17	376268	5854477	376263	5854260
01JBL-0936	-82.90577	52.85565	17	371683	5857914	371679	5857696
01JBL-0937	-82.92281	52.86145	17	370553	5858590	370549	5858373
01JBL-0938	-82.95020	52.87490	17	368750	5860136	368746	5859918
01JBL-0939	-82.99178	52.87921	17	365965	5860692	365961	5860474
01JBL-0940	-82.53866	52.90214	17	396510	5862493	396506	5862276
01JBL-0941	-82.62136	52.90918	17	390966	5863398	390962	5863181
01JBL-0942	-82.69540	52.90719	17	385982	5863293	385978	5863075
01JBL-0943	-82.76178	52.92952	17	381579	5865883	381575	5865666
01JBL-0944	-82.81448	52.91690	17	378001	5864568	377997	5864351
01JBL-0945	-82.90995	52.92772	17	371615	5865938	371610	5865720
01JBL-0946	-82.96638	52.92817	17	367823	5866090	367819	5865872
01JBL-0947	-83.05496	52.93704	17	361898	5867243	361893	5867026
01JBL-0948	-82.42963	52.92409	17	403892	5864783	403888	5864566
01JBL-0949	-82.64904	52.95117	17	389212	5868111	389208	5867894
01JBL-0950	-82.78394	52.96831	17	380197	5870234	380193	5870017
01JBL-0951	-82.78420	52.96965	17	380183	5870384	380179	5870167
01JBL-0952	-82.81583	52.96065	17	378034	5869436	378030	5869219
01JBL-0953	-82.84357	52.95089	17	376143	5868398	376139	5868181
01JBL-0954	-82.85328	52.94544	17	375475	5867809	375471	5867591
01JBL-0955B	-82.90154	52.94187	17	372222	5867496	372218	5867279
01JBL-0956B	-82.90411	52.94115	17	372047	5867421	372043	5867204
01JBL-0957B	-82.93927	52.90225	17	369568	5863158	369563	5862940
01JBL-0959	-82.90425	52.97984	17	372152	5871724	372148	5871507
01JBL-0960	-83.02589	52.78058	17	363361	5849787	363356	5849569
01JBL-0961	-83.02660	52.77863	17	363307	5849570	363303	5849353
01JBL-0962	-83.05797	52.76043	17	361133	5847607	361129	5847390
01JBL-0963	-83.05762	52.75113	17	361128	5846571	361123	5846354
01JBL-0971	-83.02406	52.89025	17	363828	5861980	363823	5861763
01JBL-0972	-83.08070	52.91647	17	360102	5865005	360097	5864788
01JBL-0973	-83.15148	52.93829	17	355417	5867573	355412	5867355
01JBL-0974	-83.05497	52.93698	17	361898	5867237	361893	5867019
01JBL-0975	-83.10089	52.95112	17	358858	5868899	358853	5868682
01JBL-0976	-83.19423	52.95739	17	352609	5869783	352604	5869566
01JBL-0977	-83.20841	52.94922	17	351629	5868904	351624	5868687
01JBL-0978	-83.26188	52.95775	17	348067	5869965	348062	5869748
01JBL-0979	-83.30087	52.96209	17	345464	5870531	345458	5870314
01JBL-0980	-83.34815	52.94779	17	342237	5869043	342231	5868826
01JBL-0981	-83.35100	52.93530	17	342000	5867661	341994	5867443
01JBL-0982	-83.42102	52.92935	17	337273	5867155	337267	5866938
01JBL-0984	-83.48386	52.90660	17	332962	5864769	332956	5864552
01JBL-0986	-83.03475	52.98495	17	363408	5872533	363403	5872316
01JBL-0987	-83.06541	52.98738	17	361357	5872862	361353	5872645
01JBL-0994	-83.06432	52.74422	17	360653	5845816	360649	5845598

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-0995	-83.10115	52.71675	17	358078	5842833	358073	5842615
01JBL-0996	-83.10319	52.71181	17	357924	5842288	357919	5842071
01JBL-0997	-83.09993	52.71248	17	358147	5842356	358142	5842138
01JBL-0998	-83.14916	52.69389	17	354760	5840387	354755	5840169
01JBL-0999	-83.16256	52.64067	17	353677	5834495	353672	5834277
01JBL-1001	-83.22342	52.60947	17	349452	5831150	349447	5830932
01JBL-1002	-83.24392	52.60977	17	348066	5831226	348060	5831009
01JBL-1003	-83.27904	52.59284	17	345628	5829419	345623	5829201
01JBL-1004	-83.33858	52.56619	17	341500	5826584	341494	5826366
01JBL-1005	-83.36293	52.52036	17	339683	5821541	339677	5821323
01JBL-1006	-83.35476	52.51446	17	340216	5820866	340210	5820649
01JBL-1007	-83.16539	52.70788	17	353710	5841975	353705	5841758
01JBL-1008	-83.24464	52.72451	17	348414	5843988	348409	5843771
01JBL-1009	-83.24483	52.72263	17	348395	5843780	348390	5843562
01JBL-1010	-83.34729	52.66201	17	341257	5837259	341251	5837041
01JBL-1011	-83.41958	52.63575	17	336271	5834500	336265	5834283
01JBL-1033	-86.07699	52.99263	16	561953	5871849	561956	5871632
01JBL-1034	-86.12786	52.98350	16	558551	5870791	558553	5870573
01JBL-1035	-86.12730	52.98190	16	558591	5870613	558593	5870396
01JBL-1036	-86.19192	52.95092	16	554292	5867116	554293	5866899
01JBL-1037	-86.22946	52.91575	16	551811	5863176	551813	5862959
01JBL-1038	-86.22643	52.91850	16	552012	5863485	552014	5863267
01JBL-1039	-86.23463	52.90663	16	551475	5862158	551476	5861941
01JBL-1040	-86.22801	52.90350	16	551924	5861815	551925	5861597
01JBL-1041	-86.23636	52.88054	16	551389	5859255	551391	5859037
01JBL-1042	-86.25896	52.83736	16	549918	5854436	549919	5854218
01JBL-1043	-86.24869	52.83265	16	550615	5853919	550617	5853701
01JBL-1044	-86.27660	52.78970	16	548783	5849122	548785	5848905
01JBL-1045	-86.28831	52.78396	16	548000	5848476	548001	5848258
01JBL-1046	-86.31895	52.81309	16	545902	5851696	545904	5851478
01JBL-1047	-86.32686	52.80465	16	545378	5850752	545380	5850535
01JBL-1048	-86.36082	52.79394	16	543099	5849540	543101	5849322
01JBL-1049	-86.38934	52.78278	16	541187	5848282	541188	5848064
01JBL-1052	-86.41163	52.78404	16	539682	5848409	539684	5848192
01JBL-1056	-86.45246	52.77127	16	536939	5846967	536941	5846750
01JBL-1057	-86.45689	52.75251	16	536656	5844878	536658	5844661
01JBL-1058	-86.46291	52.74640	16	536255	5844195	536256	5843978
01JBL-1092	-86.02939	52.57462	16	565775	5825395	565778	5825177
01JBL-1093	-86.02653	52.56322	16	565987	5824129	565989	5823912
01JBL-1094	-86.03736	52.56526	16	565249	5824346	565252	5824129
01JBL-1095	-86.04155	52.52132	16	565030	5819455	565032	5819238
01JBL-1104	-86.47340	52.70550	16	535580	5839641	535581	5839423
01JBL-1111	-86.02914	52.46998	16	565949	5813756	565951	5813538
01JBL-1112	-86.03362	52.46580	16	565651	5813287	565653	5813069
01JBL-1113	-86.04312	52.44554	16	565035	5811025	565037	5810807
01JBL-1114	-86.05283	52.44110	16	564382	5810522	564384	5810304
01JBL-1115	-86.08160	52.41985	16	562457	5808133	562459	5807915
01JBL-1116	-86.09124	52.41231	16	561812	5807287	561814	5807069
01JBL-1117	-86.09771	52.41159	16	561372	5807201	561375	5806984
01JBL-1118	-86.10203	52.41384	16	561075	5807447	561077	5807229
01JBL-1119	-86.17899	52.39539	16	555865	5805334	555867	5805116

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-1120	-86.17917	52.38282	16	555868	5803935	555870	5803717
01JBL-1121	-86.20797	52.37054	16	553923	5802547	553925	5802329
01JBL-1122	-86.23484	52.36796	16	552096	5802240	552098	5802023
01JBL-1123	-86.25438	52.32842	16	550811	5797828	550813	5797610
01JBL-1124	-86.28489	52.29808	16	548766	5794433	548768	5794215
01JBL-1125	-86.28739	52.30251	16	548590	5794924	548592	5794706
01JBL-1126	-86.30216	52.26904	16	547619	5791192	547620	5790974
01JBL-1131	-86.41889	52.38367	16	539552	5803871	539553	5803653
01JBL-1145	-83.29897	52.69593	17	344644	5840926	344639	5840709
01JBL-1147	-82.71885	52.97025	17	384573	5870343	384569	5870126
01JBL-1148	-82.93097	53.59329	17	372202	5940006	372198	5939789
01JBL-1149	-83.83520	53.50536	17	311980	5932232	311974	5932015
01JBL-1178	-84.40811	53.54531	16	671726	5936059	671732	5935843
01JBL-1181	-83.96079	53.54730	17	303848	5937234	303841	5937018
01JBL-1183	-84.94666	53.79802	16	635237	5963005	635242	5962789
01JBL-1184	-85.85025	52.86559	16	577398	5857938	577401	5857721
01JBL-1190	-85.89199	52.71986	16	574838	5841683	574841	5841466
01JBL-1191	-86.36681	52.35819	16	543121	5801067	543123	5800849
01JBL-1193	-83.51797	52.42800	17	328807	5811625	328802	5811408
01JBL-1194	-83.57750	52.42301	17	324741	5811214	324735	5810996
01JBL-1195	-83.64858	52.40590	17	319839	5809486	319833	5809268
01JBL-1196	-83.71244	52.37817	17	315380	5806563	315374	5806345
01JBL-1197	-83.71587	52.37622	17	315139	5806355	315132	5806137
01JBL-1198	-83.71207	52.36979	17	315370	5805630	315364	5805412
01JBL-1199	-83.71032	52.36634	17	315475	5805242	315469	5805025
01JBL-1200	-83.72146	52.33692	17	314594	5801999	314588	5801781
01JBL-1201	-83.75394	52.29895	17	312220	5797861	312214	5797643
01JBL-1202	-83.75515	52.29486	17	312121	5797409	312114	5797192
01JBL-1203	-83.74576	52.29973	17	312782	5797927	312775	5797709
01JBL-1204	-83.79244	52.27380	17	309488	5795165	309482	5794947
01JBL-1205	-83.78976	52.26863	17	309649	5794583	309642	5794366
01JBL-1206	-83.80647	52.26379	17	308488	5794089	308482	5793871
01JBL-1210	-83.50851	52.43501	17	329478	5812382	329472	5812165
01JBL-1211	-83.58649	52.44191	17	324205	5813337	324199	5813120
01JBL-1219	-83.37517	52.48513	17	338724	5817651	338718	5817433
01JBL-1220	-83.46226	52.45059	17	332680	5814007	332674	5813789
01JBL-1222	-82.39511	52.73395	17	405802	5843588	405798	5843370
01JBL-1223	-82.46137	52.72986	17	401319	5843222	401315	5843004
01JBL-1225	-82.53655	52.71898	17	396217	5842117	396213	5841900
01JBL-1226	-82.62653	52.73687	17	390184	5844241	390180	5844023
01JBL-1231	-82.98775	52.79754	17	365986	5851601	365981	5851383
01JBL-2501	-81.57769	52.28940	17	460598	5793384	460596	5793166
01JBL-2502	-81.65072	52.26779	17	455595	5791023	455593	5790805
01JBL-2503	-81.76254	52.25356	17	447948	5789514	447946	5789296
01JBL-2504	-81.85044	52.22768	17	441914	5786703	441912	5786485
01JBL-2505	-81.88992	52.20504	17	439187	5784217	439185	5783999
01JBL-2506	-81.91542	52.16585	17	437389	5779880	437387	5779662
01JBL-2507	-81.92808	52.19844	17	436570	5783516	436567	5783298
01JBL-2508	-82.04715	52.13426	17	428329	5776488	428326	5776270
01JBL-2509	-82.04714	52.13427	17	428330	5776489	428327	5776271
01JBL-2510	-81.90808	52.11873	17	437826	5774633	437824	5774415

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-2511	-81.92395	52.07428	17	436676	5769703	436674	5769484
01JBL-2512	-81.94941	52.03128	17	434869	5764943	434866	5764725
01JBL-2513	-81.91906	52.11013	17	437062	5773685	437060	5773467
01JBL-2514	-81.91589	52.06103	17	437210	5768222	437208	5768004
01JBL-2515	-81.87882	52.04338	17	439727	5766227	439725	5766009
01JBL-2516	-81.59600	52.39820	17	459448	5805496	459447	5805278
01JBL-2517	-81.66329	52.38660	17	454858	5804246	454857	5804028
01JBL-2518	-81.73885	52.37989	17	449708	5803549	449706	5803332
01JBL-2519	-81.80356	52.36034	17	445279	5801421	445277	5801203
01JBL-2520	-81.86164	52.33023	17	441285	5798117	441283	5797899
01JBL-2521	-81.90291	52.29179	17	438419	5793877	438417	5793659
01JBL-2522	-81.80662	52.36143	17	445073	5801545	445071	5801327
01JBL-2523	-81.88181	52.36025	17	439951	5801474	439949	5801256
01JBL-2524	-81.92666	52.35048	17	436883	5800425	436881	5800207
01JBL-2525	-81.95549	52.35192	17	434921	5800611	434919	5800393
01JBL-2532	-81.98442	52.66110	17	433420	5835027	433418	5834809
01JBL-2533	-81.90501	52.67167	17	438805	5836132	438803	5835914
01JBL-2535	-81.88503	52.65499	17	440133	5834259	440131	5834042
01JBL-2538	-81.77359	52.60686	17	447614	5828820	447612	5828602
01JBL-2539	-81.77021	52.60486	17	447841	5828595	447839	5828377
01JBL-2540	-81.83571	52.57249	17	443364	5825043	443362	5824826
01JBL-2543	-81.81947	52.57674	17	444469	5825503	444467	5825285
01JBL-2550	-82.78821	52.22821	17	377868	5787928	377864	5787710
01JBL-2552	-82.87621	52.14983	17	371633	5779362	371629	5779144
01JBL-2553	-82.87383	52.15194	17	371802	5779594	371798	5779376
01JBL-2554	-83.48760	52.20885	17	330034	5787184	330028	5786966
01JBL-2556	-83.02227	52.23867	17	361917	5789511	361912	5789294
01JBL-2557	-83.09077	52.23512	17	357228	5789249	357224	5789031
01JBL-2558	-83.12346	52.19100	17	354853	5784408	354848	5784190
01JBL-2559	-83.15216	52.14958	17	352755	5779859	352750	5779641
01JBL-2560	-83.17622	52.11221	17	350984	5775753	350979	5775535
01JBL-2561	-83.22062	52.08122	17	347839	5772399	347834	5772181
01JBL-2563	-83.03746	51.58613	17	358848	5716975	358843	5716757
01JBL-2564	-83.30491	52.00539	17	341796	5764146	341790	5763928
01JBL-2566	-83.25826	52.03484	17	345099	5767321	345094	5767103
01JBL-2570	-83.51214	52.11669	17	328003	5776994	327997	5776776
01JBL-2571	-83.35598	51.98662	17	338223	5762171	338218	5761953
01JBL-2572	-83.57329	52.11094	17	323794	5776501	323788	5776283
01JBL-2573	-83.40327	51.95554	17	334862	5758821	334857	5758603
01JBL-2574	-83.63963	52.10360	17	319222	5775848	319216	5775630
01JBL-2575	-83.44259	51.92315	17	332040	5755310	332034	5755092
01JBL-2576	-83.70574	52.09013	17	314639	5774517	314633	5774299
01JBL-2577	-83.49991	51.89355	17	327986	5752153	327980	5751934
01JBL-2578	-83.77145	52.07347	17	310068	5772834	310061	5772616
01JBL-2579	-83.35929	51.98438	17	337988	5761930	337983	5761712
01JBL-2580	-83.83594	52.05292	17	305560	5770720	305554	5770502
01JBL-2581	-83.37467	51.97888	17	336912	5761353	336906	5761135
01JBL-2582	-83.88590	52.02468	17	302011	5767716	302004	5767498
01JBL-2585	-83.50592	52.15904	17	328591	5781689	328585	5781471
01JBL-2586	-83.60606	52.10770	17	321537	5776221	321531	5776003
01JBL-2587	-83.73993	52.06711	17	312201	5772045	312195	5771827

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-2588	-83.88479	52.02565	17	302091	5767820	302085	5767602
01JBL-2589	-83.52348	52.10029	17	327163	5775197	327157	5774980
01JBL-2592	-83.04768	52.37370	17	360607	5804577	360602	5804359
01JBL-2593	-83.10769	52.35061	17	356447	5802127	356442	5801909
01JBL-2594	-83.17550	52.32879	17	351756	5799837	351751	5799619
01JBL-2596	-83.30694	52.34133	17	342845	5801508	342840	5801291
01JBL-2597	-83.37203	52.31768	17	338326	5799021	338320	5798804
01JBL-2598	-83.41948	52.28303	17	334963	5795276	334958	5795058
01JBL-2599	-83.47655	52.25024	17	330946	5791761	330940	5791543
01JBL-2600	-82.75743	52.49592	17	380694	5817650	380690	5817432
01JBL-2601	-82.83339	52.46077	17	375438	5813869	375434	5813651
01JBL-2602	-82.86625	52.42264	17	373097	5809685	373092	5809467
01JBL-2603	-82.89959	52.38473	17	370719	5805528	370715	5805310
01JBL-2604	-82.97224	52.37230	17	365738	5804279	365733	5804061
01JBL-2605	-82.75703	52.48976	17	380704	5816964	380700	5816746
01JBL-2606	-82.76877	52.45195	17	379804	5812779	379800	5812561
01JBL-2607	-82.82397	52.42607	17	375981	5809994	375977	5809776
01JBL-2608	-82.84189	52.38365	17	374642	5805306	374638	5805088
01JBL-2609	-82.91708	52.35519	17	369442	5802274	369437	5802057
01JBL-2610	-82.51804	51.82726	17	395388	5742916	395384	5742697
01JBL-2611	-82.94866	52.32310	17	367195	5798763	367190	5798545
01JBL-2612	-82.58311	51.81241	17	390868	5741359	390864	5741141
01JBL-2613	-82.98867	52.28579	17	364355	5794688	364350	5794471
01JBL-2614	-82.66038	51.79921	17	385508	5740011	385504	5739792
01JBL-2615	-82.87004	52.36144	17	372663	5802885	372658	5802667
01JBL-2616	-82.69465	51.76122	17	383047	5735840	383043	5735621
01JBL-2617	-82.50865	52.45856	17	397495	5813113	397492	5812895
01JBL-2618	-82.57675	52.44178	17	392828	5811346	392824	5811128
01JBL-2619	-82.63838	52.42230	17	388590	5809272	388586	5809054
01JBL-2620	-82.68944	52.39161	17	385038	5805939	385034	5805721
01JBL-2621	-82.71400	52.34459	17	383243	5800748	383239	5800530
01JBL-2622	-82.72494	52.30782	17	382401	5796677	382397	5796459
01JBL-2623	-82.75934	52.27016	17	379953	5792545	379949	5792327
01JBL-2624	-82.69024	52.39377	17	384989	5806180	384986	5805962
01JBL-2625	-82.46341	52.49453	17	400649	5817051	400646	5816833
01JBL-2626	-82.48760	52.47632	17	398966	5815058	398962	5814840
01JBL-2635	-82.30142	52.72151	17	412103	5842086	412100	5841868
01JBL-2636	-82.33090	52.70967	17	410087	5840805	410084	5840588
01JBL-2637	-82.36546	52.68171	17	407694	5837739	407690	5837521
01JBL-2638	-82.41992	52.63312	17	403905	5832406	403902	5832188
01JBL-2639	-82.49304	52.62513	17	398939	5831617	398936	5831400
01JBL-2640	-82.36883	52.67551	17	407452	5837054	407449	5836836
01JBL-2641	-82.40467	52.64334	17	404960	5833522	404956	5833305
01JBL-2643	-82.21116	52.73350	17	418221	5843313	418218	5843095
01JBL-2644	-82.24428	52.71656	17	415952	5841467	415949	5841250
01JBL-2645	-82.29356	52.68845	17	412567	5838399	412564	5838182
01JBL-2646	-82.31649	52.65089	17	410941	5834249	410938	5834031
01JBL-2647	-82.33472	52.59731	17	409598	5828312	409595	5828095
01JBL-2648	-82.41705	52.57701	17	403977	5826161	403974	5825943
01JBL-2649	-82.44966	52.54088	17	401687	5822186	401683	5821968
01JBL-2651	-82.32602	52.62341	17	410240	5831205	410237	5830987

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-2652	-82.34191	52.54157	17	408995	5822122	408992	5821904
01JBL-2658	-82.03718	52.63403	17	429809	5832066	429806	5831848
01JBL-2659	-82.09655	52.60530	17	425742	5828929	425739	5828712
01JBL-2660	-82.15665	52.57856	17	421625	5826019	421622	5825801
01JBL-2661	-82.21723	52.55894	17	417483	5823904	417480	5823687
01JBL-2668	-82.50859	52.61584	17	397865	5830606	397862	5830388
01JBL-2669	-82.58872	52.60418	17	392412	5829425	392408	5829208
01JBL-2670	-82.63954	52.59825	17	388956	5828843	388952	5828625
01JBL-2671	-82.68966	52.56144	17	385465	5824827	385461	5824610
01JBL-2672	-82.74623	52.51523	17	381506	5819779	381502	5819561
01JBL-2673	-82.58116	52.60129	17	392916	5829092	392913	5828875
01JBL-2674	-82.69031	52.56754	17	385437	5825506	385433	5825289
01JBL-2675	-82.10003	52.77230	17	425790	5847508	425788	5847291
01JBL-2677	-82.22528	52.75194	17	417302	5845381	417299	5845163
01JBL-2680	-84.99441	52.00401	16	637666	5763383	637670	5763165
01JBL-2681	-85.34831	52.22809	16	612808	5787693	612812	5787475
01JBL-2682	-85.32164	52.20862	16	614680	5785569	614684	5785351
01JBL-2683	-85.21285	52.11442	16	622371	5775271	622375	5775053
01JBL-2684	-85.15493	52.09608	16	626388	5773331	626393	5773113
01JBL-2685	-85.10722	52.05686	16	629770	5769054	629774	5768835
01JBL-2686	-85.05129	52.02680	16	633694	5765811	633699	5765593
01JBL-2687	-81.97048	51.98835	17	433359	5760187	433357	5759969
01JBL-2688	-81.99631	51.94425	17	431519	5755306	431516	5755088
01JBL-2689	-81.89229	52.03433	17	438791	5765233	438789	5765015
01JBL-2690	-81.91963	51.94152	17	436785	5754933	436783	5754715
01JBL-2691	-81.94076	51.89691	17	435269	5749991	435267	5749773
01JBL-2692	-81.99040	51.86864	17	431810	5746892	431808	5746674
01JBL-2693	-81.89229	52.03435	17	438791	5765235	438789	5765017
01JBL-2694	-81.94097	51.89232	17	435248	5749480	435246	5749262
01JBL-2695	-81.93903	51.89647	17	435387	5749940	435385	5749722
01JBL-2696	-81.99045	51.86855	17	431807	5746882	431804	5746664
01JBL-2697	-82.81520	51.23753	17	373284	5677806	373280	5677587
01JBL-2698	-82.80919	51.21205	17	373634	5674962	373629	5674743
01JBL-2699	-82.85673	51.18856	17	370248	5672432	370243	5672213
01JBL-2700	-82.80552	51.21353	17	373894	5675120	373890	5674901
01JBL-2701	-82.52588	51.48650	17	394056	5705032	394052	5704813
01JBL-2702	-82.56078	51.45139	17	391550	5701179	391546	5700960
01JBL-2703	-82.59475	51.41245	17	389095	5696900	389091	5696681
01JBL-2705	-82.66305	51.33101	17	384141	5687949	384137	5687730
01JBL-2706	-82.70466	51.29366	17	381145	5683862	381141	5683643
01JBL-2707	-82.76109	51.26549	17	377136	5680823	377132	5680604
01JBL-2708	-82.61346	51.39006	17	387740	5694437	387736	5694219
01JBL-2709	-82.79131	51.25419	17	374997	5679616	374993	5679398
01JBL-2710	-82.70207	51.71822	17	382424	5731069	382420	5730851
01JBL-2711	-82.74944	51.68141	17	379053	5727054	379049	5726835
01JBL-2712	-82.80465	51.65128	17	375154	5723796	375150	5723578
01JBL-2713	-82.87399	51.62458	17	370281	5720947	370277	5720729
01JBL-2714	-82.93558	51.61114	17	365979	5719564	365975	5719346
01JBL-2715	-82.08027	51.74841	17	425425	5733609	425422	5733390
01JBL-2718	-82.70900	51.73889	17	381999	5733379	381995	5733161
01JBL-2723	-82.06967	51.74512	17	426152	5733231	426149	5733013

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-2729	-82.54695	51.70959	17	393118	5729871	393115	5729653
01JBL-2730	-82.59765	51.66346	17	389503	5724817	389499	5724599
01JBL-2731	-82.62977	51.61781	17	387169	5719789	387165	5719571
01JBL-2732	-82.54956	51.70324	17	392923	5729169	392920	5728950
01JBL-2733	-82.59892	51.66822	17	389427	5725349	389423	5725130
01JBL-2734	-82.62927	51.61736	17	387202	5719739	387198	5719520
01JBL-2735	-82.54648	51.70962	17	393151	5729874	393147	5729656
01JBL-2736	-82.52354	51.66305	17	394628	5724662	394624	5724444
01JBL-2737	-82.54718	51.62465	17	392902	5720426	392898	5720207
01JBL-2738	-82.55215	51.57708	17	392446	5715143	392442	5714925
01JBL-2739	-82.52090	51.53117	17	394505	5709992	394502	5709774
01JBL-2740	-82.52621	51.65431	17	394423	5723694	394419	5723476
01JBL-2741	-82.55299	51.59722	17	392435	5717384	392431	5717165
01JBL-2742	-83.82594	51.72750	17	304840	5734511	304834	5734292
01JBL-2743	-83.88401	51.70096	17	300714	5731717	300707	5731499
01JBL-2744	-83.94566	51.68177	17	296369	5729753	296362	5729535
01JBL-2745	-83.82272	51.72904	17	305069	5734674	305063	5734455
01JBL-2746	-83.85528	51.71664	17	302767	5733382	302760	5733164
01JBL-2747	-83.93741	51.68096	17	296935	5729640	296928	5729422
01JBL-2755	-83.92064	51.98351	17	299444	5763233	299437	5763015
01JBL-2756	-83.94168	51.94263	17	297815	5758746	297808	5758528
01JBL-2757	-83.57725	51.88652	17	322638	5751556	322632	5751338
01JBL-2759	-83.66356	51.83704	17	316497	5746268	316491	5746050
01JBL-2760	-83.72824	51.79950	17	311886	5742259	311879	5742041
01JBL-2761	-83.78515	51.75878	17	307789	5737880	307783	5737662
01JBL-2762	-83.52810	51.90232	17	326080	5753194	326074	5752976
01JBL-2764	-83.79411	51.79187	17	307313	5741583	307306	5741365
01JBL-2765	-83.80425	51.79267	17	306617	5741699	306610	5741480
01JBL-2768	-82.52142	51.75350	17	394984	5734718	394980	5734500
01JBL-2769	-82.50391	51.78879	17	396273	5738617	396270	5738399
01JBL-2770	-82.52404	51.75670	17	394811	5735077	394807	5734859
01JBL-2771	-82.05565	51.92142	17	427403	5752825	427401	5752607
01JBL-2772	-82.11750	51.89884	17	423111	5750377	423109	5750159
01JBL-2773	-82.17354	51.86981	17	419204	5747209	419201	5746991
01JBL-2774	-82.24788	51.85266	17	414053	5745387	414050	5745169
01JBL-2775	-82.30804	51.85990	17	409924	5746265	409921	5746047
01JBL-2776	-82.38789	51.84269	17	404389	5744453	404386	5744234
01JBL-2777	-82.44690	51.81478	17	400262	5741428	400259	5741210
01JBL-2778	-82.50516	51.78837	17	396186	5738573	396183	5738354
01JBL-2779	-82.09640	51.91220	17	424585	5751841	424583	5751623
01JBL-2780	-82.13148	51.88998	17	422134	5749407	422132	5749188
01JBL-2781	-82.25176	51.85195	17	413784	5745313	413781	5745094
01JBL-2783	-82.44956	51.81862	17	400088	5741859	400084	5741641
01JBL-2784	-82.48057	51.82277	17	397960	5742363	397956	5742145
01JBL-2785	-82.02034	51.83246	17	429693	5742896	429691	5742678
01JBL-2786	-82.04971	51.78918	17	427600	5738111	427597	5737893
01JBL-2787	-82.04520	51.78462	17	427903	5737600	427901	5737381
01JBL-2788	-82.00238	51.86278	17	430977	5746252	430975	5746033
01JBL-2789	-84.02032	51.67099	16	706032	5728650	706039	5728432
01JBL-2790	-84.08824	51.67559	16	701316	5728971	701323	5728753
01JBL-2791	-84.15887	51.66892	16	696462	5728038	696469	5727820

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-2792	-84.21032	51.64125	16	693023	5724824	693029	5724606
01JBL-2796	-84.07027	51.66880	16	702588	5728267	702595	5728049
01JBL-2797	-84.18764	51.65940	16	694514	5726902	694521	5726684
01JBL-2798	-84.20255	51.65606	16	693497	5726491	693504	5726273
01JBL-2801	-84.50202	51.96923	16	671592	5760564	671598	5760346
01JBL-2802	-84.52389	51.93663	16	670214	5756887	670220	5756669
01JBL-2803	-84.58792	51.91766	16	665882	5754630	665888	5754412
01JBL-2804	-84.65965	51.93182	16	660899	5756043	660905	5755825
01JBL-2805	-84.73230	51.93523	16	655894	5756263	655899	5756045
01JBL-2806	-84.80869	51.94350	16	650615	5757023	650620	5756805
01JBL-2807	-84.86014	51.97503	16	646976	5760423	646981	5760205
01JBL-2808	-84.92489	51.99606	16	642462	5762634	642467	5762416
01JBL-2809	-84.98855	51.99978	16	638081	5762924	638086	5762706
01JBL-2811	-84.51324	51.95154	16	670889	5758570	670894	5758352
01JBL-2812	-84.80615	51.94290	16	650792	5756961	650797	5756743
01JBL-2813	-84.55759	51.92709	16	667933	5755748	667939	5755530
01JBL-2814	-84.55505	51.91706	16	668145	5754638	668151	5754420
01JBL-2815	-84.65217	51.93037	16	661419	5755898	661425	5755680
01JBL-2816	-84.91240	51.98694	16	643349	5761643	643354	5761425
01JBL-2817	-84.95063	51.99649	16	640694	5762631	640699	5762413
01JBL-2818	-84.01124	51.94663	16	705402	5759323	705409	5759105
01JBL-2819	-84.08320	51.95125	16	700436	5759635	700443	5759417
01JBL-2820	-84.14659	51.95659	16	696058	5760056	696065	5759838
01JBL-2821	-84.21495	51.96789	16	691314	5761131	691321	5760913
01JBL-2822	-84.28361	51.98363	16	686533	5762702	686539	5762484
01JBL-2825	-81.92818	51.92163	17	436169	5752729	436167	5752511
01JBL-2826	-84.45064	51.98991	16	675040	5762985	675046	5762767
01JBL-2827	-84.48520	51.98585	16	672684	5762451	672690	5762233
01JBL-2829	-85.31508	52.16785	16	615234	5781045	615237	5780827
01JBL-2830	-85.31479	52.16770	16	615253	5781030	615257	5780812
01JBL-2834	-82.73770	52.52572	17	382113	5820932	382109	5820714
01JBL-2835	-82.44844	52.53085	17	401747	5821069	401743	5820852
01JBL-2836	-82.44951	52.52158	17	401654	5820039	401650	5819822
01JBL-2839	-82.33183	52.58958	17	409777	5827449	409774	5827231
01JBL-2840	-85.01350	52.01200	16	636331	5764236	636336	5764018
01JBL-2841	-82.93179	51.13037	17	364832	5666097	364828	5665878
01JBL-2844	-83.57566	51.88486	17	322741	5751368	322735	5751150
01JBL-2845	-83.72392	51.81360	17	312242	5743815	312236	5743597
01JBL-2846	-83.91516	51.99015	17	299850	5763955	299843	5763737
01JBL-2847	-83.93392	51.96886	17	298466	5761641	298460	5761423
01JBL-2852	-82.44148	52.55032	17	402262	5823225	402259	5823007
01JBL-2861	-81.85677	52.36031	17	441656	5801459	441654	5801241
01JBL-2875	-82.74530	52.28493	17	380951	5794164	380947	5793947
01JBL-2877	-82.78600	52.44525	17	378615	5812062	378611	5811845
01JBL-2878	-82.84633	52.38743	17	374351	5805734	374347	5805516
01JBL-2880	-83.22144	52.32363	17	348609	5799357	348604	5799140
01JBL-2881	-83.35196	52.33830	17	339768	5801270	339762	5801053
01JBL-2882	-81.93116	52.07494	17	436183	5769782	436181	5769564
01JBL-2885	-82.90417	52.11579	17	369621	5775627	369616	5775409
01JBL-2886	-82.93230	52.07584	17	367577	5771235	367572	5771017
01JBL-2887	-82.93053	52.07404	17	367693	5771032	367689	5770814

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-2888	-82.95127	52.03404	17	366152	5766622	366148	5766404
01JBL-2890	-83.48951	52.23550	17	330005	5790152	330000	5789935
01JBL-2902	-83.78887	52.06696	17	308847	5772156	308840	5771938
01JBL-2924	-85.31293	52.20549	16	615283	5785236	615287	5785018
01JBL-3001	-81.58540	52.23530	17	460023	5787371	460022	5787153
01JBL-3002	-81.66140	52.22600	17	454824	5786381	454822	5786163
01JBL-3003	-81.74061	52.23099	17	449419	5786989	449417	5786771
01JBL-3006	-81.92340	52.17198	17	436852	5780569	436850	5780351
01JBL-3007	-81.99838	52.15746	17	431702	5779021	431700	5778803
01JBL-3008	-82.12567	52.11083	17	422915	5773963	422912	5773745
01JBL-3009	-82.28499	52.10509	17	411993	5773505	411990	5773287
01JBL-3010	-82.18078	52.10590	17	419132	5773474	419129	5773256
01JBL-3011	-82.42027	52.00231	17	402505	5762247	402502	5762029
01JBL-3012	-82.36361	52.05069	17	406495	5767554	406492	5767336
01JBL-3017	-82.05087	52.14291	17	428088	5777453	428086	5777235
01JBL-3019	-82.14838	52.11363	17	421364	5774298	421361	5774080
01JBL-3022	-82.22693	52.09442	17	415950	5772250	415947	5772032
01JBL-3024	-82.39574	52.01863	17	404224	5764030	404221	5763812
01JBL-3054	-83.09881	51.74774	17	355115	5735066	355110	5734848
01JBL-3055	-83.16124	51.71572	17	350700	5731631	350695	5731413
01JBL-3056	-83.13229	51.70958	17	352679	5730890	352674	5730671
01JBL-3057	-83.17523	51.68190	17	349621	5727900	349616	5727681
01JBL-3058	-83.23654	51.64971	17	345274	5724448	345269	5724230
01JBL-3059	-83.27278	51.58406	17	342540	5717225	342534	5717007
01JBL-3060	-83.27762	51.55151	17	342092	5713617	342086	5713398
01JBL-3061	-83.33529	51.51889	17	337978	5710115	337973	5709897
01JBL-3062	-83.36397	51.52993	17	336028	5711407	336023	5711189
01JBL-3063	-83.30874	51.56869	17	339995	5715594	339989	5715376
01JBL-3064	-83.16773	51.72358	17	350278	5732518	350273	5732300
01JBL-3069	-83.23502	51.66689	17	345438	5726355	345432	5726137
01JBL-3070	-83.27220	51.65237	17	342816	5724820	342811	5724602
01JBL-3071	-83.29921	51.63419	17	340885	5722856	340879	5722638
01JBL-3074	-83.28913	51.63890	17	341598	5723359	341593	5723141
01JBL-3077	-83.25910	51.59290	17	343518	5718179	343513	5717961
01JBL-3078	-83.27555	51.53746	17	342187	5712050	342181	5711832
01JBL-3079	-83.29750	51.52350	17	340616	5710545	340610	5710327
01JBL-3080	-83.04237	51.80931	17	359202	5741802	359197	5741584
01JBL-3081	-83.07127	51.78415	17	357131	5739061	357126	5738843
01JBL-3082	-83.13192	51.76296	17	352879	5736824	352874	5736606
01JBL-3083	-83.14632	51.75340	17	351854	5735791	351849	5735573
01JBL-3084	-82.53200	51.95419	17	394723	5757051	394720	5756833
01JBL-3085	-82.58713	51.93373	17	390885	5754858	390881	5754639
01JBL-3086	-82.67330	51.92584	17	384941	5754113	384937	5753895
01JBL-3087	-82.73417	51.92079	17	380743	5753649	380739	5753431
01JBL-3088	-82.79351	51.89188	17	376583	5750533	376579	5750315
01JBL-3089	-82.86620	51.89447	17	371589	5750947	371585	5750729
01JBL-3090	-82.92454	51.88026	17	367533	5749471	367528	5749253
01JBL-3091	-82.97116	51.84729	17	364225	5745890	364220	5745672
01JBL-3092	-82.84711	51.90333	17	372927	5751899	372923	5751681
01JBL-3093	-82.78946	51.92582	17	376954	5754300	376950	5754082
01JBL-3094	-82.67515	51.92971	17	384824	5754546	384820	5754328

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-3095	-82.71865	51.91849	17	381804	5753368	381800	5753150
01JBL-3096	-82.76725	51.90022	17	378412	5751416	378408	5751198
01JBL-3098	-82.80230	51.88505	17	375960	5749789	375955	5749571
01JBL-3101	-82.84970	51.88353	17	372693	5749701	372689	5749483
01JBL-3102	-84.98494	51.28606	16	640518	5683565	640523	5683347
01JBL-3103	-82.45325	51.98303	17	400199	5760148	400195	5759930
01JBL-3104	-83.22963	51.23928	17	344363	5678796	344357	5678577
01JBL-3105	-83.27035	51.18205	17	341323	5672520	341318	5672301
01JBL-3106	-83.21896	51.15122	17	344812	5668983	344806	5668764
01JBL-3107	-83.19662	51.11999	17	346270	5665463	346265	5665244
01JBL-3108	-83.20475	51.09280	17	345611	5662457	345605	5662238
01JBL-3109	-83.29316	51.08659	17	339399	5661956	339394	5661737
01JBL-3110	-83.23063	51.23101	17	344265	5677878	344259	5677660
01JBL-3111	-83.27790	51.18520	17	340807	5672886	340801	5672668
01JBL-3112	-83.18344	51.14697	17	347281	5668435	347276	5668216
01JBL-3113	-83.19171	51.11087	17	346583	5664439	346578	5664221
01JBL-3115	-83.95277	51.19267	17	293684	5675395	293678	5675177
01JBL-3116	-84.01207	51.15765	16	708930	5671601	708937	5671383
01JBL-3117	-83.88039	51.22348	17	298875	5678620	298868	5678402
01JBL-3118	-83.89106	51.21267	17	298082	5677447	298076	5677229
01JBL-3124	-83.60446	51.07047	17	317536	5660889	317530	5660670
01JBL-3125	-83.61613	51.03468	17	316578	5656938	316572	5656719
01JBL-3126	-83.69839	51.02343	17	310765	5655895	310758	5655677
01JBL-3128	-83.82156	51.00667	17	302057	5654357	302051	5654138
01JBL-3129	-83.54218	51.10089	17	322016	5664118	322010	5663900
01JBL-3130	-83.60644	51.06263	17	317367	5660022	317360	5659803
01JBL-3132	-83.68759	51.02084	17	311512	5655580	311505	5655361
01JBL-3133	-83.82043	51.00843	17	302144	5654548	302138	5654330
01JBL-3134	-83.50887	51.21983	17	324799	5677262	324793	5677044
01JBL-3136	-83.51278	51.14210	17	324230	5668630	324225	5668411
01JBL-3137	-83.54440	51.09883	17	321853	5663894	321847	5663676
01JBL-3139	-83.50611	51.22632	17	325016	5677977	325010	5677759
01JBL-3140	-83.51155	51.22062	17	324615	5677357	324609	5677139
01JBL-3141	-83.50258	51.18550	17	325108	5673430	325102	5673212
01JBL-3142	-83.50957	51.17034	17	324562	5671762	324556	5671544
01JBL-3143	-83.51053	51.14961	17	324416	5669459	324410	5669240
01JBL-3144	-83.51840	51.06748	17	323553	5660346	323547	5660128
01JBL-3145	-83.51739	51.46918	17	325156	5705007	325150	5704789
01JBL-3146	-83.56693	51.43702	17	321590	5701551	321584	5701332
01JBL-3147	-83.62826	51.41677	17	317247	5699450	317241	5699232
01JBL-3148	-83.69334	51.41294	17	312707	5699189	312701	5698970
01JBL-3149	-83.76117	51.38380	17	307869	5696125	307862	5695906
01JBL-3150	-83.81047	51.34048	17	304254	5691439	304248	5691220
01JBL-3151	-83.85440	51.32420	17	301125	5689747	301118	5689529
01JBL-3152	-83.87726	51.31525	17	299493	5688814	299487	5688595
01JBL-3153	-83.99677	51.28336	17	291022	5685602	291015	5685383
01JBL-3155	-83.71206	51.41155	17	311400	5699083	311394	5698865
01JBL-3156	-83.74341	51.38071	17	309092	5695735	309086	5695517
01JBL-3157	-83.79210	51.36752	17	305648	5694397	305642	5694179
01JBL-3158	-83.80714	51.33655	17	304470	5690993	304463	5690775
01JBL-3159	-83.94805	51.30454	17	294513	5687820	294507	5687601

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-3160	-83.95782	51.29219	17	293777	5686473	293771	5686255
01JBL-3161	-83.57485	51.42394	17	320988	5700116	320982	5699898
01JBL-3162	-83.62722	51.38176	17	317180	5695555	317174	5695337
01JBL-3163	-83.67530	51.37064	17	313790	5694440	313784	5694222
01JBL-3164	-83.68434	51.33277	17	313006	5690253	313000	5690035
01JBL-3165	-83.75259	51.30801	17	308150	5687676	308143	5687457
01JBL-3166	-83.80156	51.28347	17	304633	5685076	304627	5684858
01JBL-3167	-83.85228	51.25428	17	300970	5681967	300963	5681749
01JBL-3168	-83.56558	51.42601	17	321641	5700324	321635	5700106
01JBL-3171	-83.73327	51.31452	17	309523	5688349	309516	5688130
01JBL-3172	-83.82945	51.27666	17	302659	5684394	302652	5684176
01JBL-3173	-83.51580	51.31470	17	324677	5687827	324671	5687609
01JBL-3178	-83.44859	51.48963	17	330010	5707119	330004	5706900
01JBL-3179	-83.40440	51.47331	17	333018	5705203	333012	5704985
01JBL-3180	-83.45257	51.43194	17	329519	5700713	329513	5700495
01JBL-3181	-83.49997	51.39383	17	326080	5696588	326074	5696369
01JBL-3182	-83.49608	51.35913	17	326219	5692720	326213	5692502
01JBL-3183	-83.45070	51.43437	17	329657	5700980	329652	5700761
01JBL-3185	-83.46841	51.42071	17	328375	5699503	328370	5699284
01JBL-3187	-83.47887	51.42259	17	327655	5699736	327650	5699517
01JBL-3189	-83.49917	51.39964	17	326157	5697232	326151	5697014
01JBL-3191	-83.49893	51.36547	17	326044	5693431	326039	5693213
01JBL-3193	-83.51833	51.47752	17	325123	5705937	325117	5705718
01JBL-3195	-83.27392	51.43869	17	341958	5701063	341953	5700845
01JBL-3196	-83.29462	51.39965	17	340384	5696768	340379	5696549
01JBL-3197	-83.27251	51.35723	17	341775	5692003	341770	5691785
01JBL-3198	-83.23609	51.32254	17	344193	5688067	344188	5687849
01JBL-3199	-83.23501	51.27300	17	344101	5682557	344096	5682338
01JBL-3200	-83.31070	51.39590	17	339252	5696385	339247	5696167
01JBL-3201	-83.29662	51.36312	17	340118	5692711	340112	5692492
01JBL-3202	-83.23508	51.33172	17	344295	5689086	344289	5688868
01JBL-3206	-83.23651	51.31944	17	344153	5687724	344148	5687505
01JBL-3212	-84.24519	51.24455	16	692270	5680626	692277	5680407
01JBL-3213	-84.32025	51.23298	16	687079	5679146	687085	5678928
01JBL-3214	-84.37858	51.20628	16	683113	5676031	683119	5675812
01JBL-3215	-84.42128	51.16981	16	680273	5671870	680279	5671652
01JBL-3217	-84.45696	51.14200	16	677886	5668691	677892	5668473
01JBL-3218	-84.48571	51.09166	16	676067	5663025	676073	5662806
01JBL-3219	-84.28219	51.24165	16	689700	5680207	689707	5679989
01JBL-3220	-84.02967	51.28675	16	707120	5685904	707126	5685686
01JBL-3221	-84.33583	51.23058	16	686001	5678840	686008	5678621
01JBL-3222	-84.38317	51.20964	16	682780	5676393	682786	5676174
01JBL-3223	-84.42128	51.16981	16	680274	5671870	680280	5671651
01JBL-3224	-84.45155	51.13912	16	678276	5668384	678282	5668165
01JBL-3225	-84.49037	51.11222	16	675663	5665300	675669	5665081
01JBL-3226	-84.49261	51.10213	16	675544	5664173	675550	5663954
01JBL-3238	-84.07126	51.14067	16	704868	5669547	704875	5669328
01JBL-3253	-84.88553	51.26722	16	647511	5681665	647516	5681447
01JBL-3255	-84.94616	51.28120	16	643237	5683099	643242	5682881
01JBL-3256	-84.90541	51.27733	16	646092	5682750	646097	5682531
01JBL-3257	-84.88039	51.26504	16	647876	5681433	647881	5681215

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-3258	-84.86157	51.25044	16	649236	5679848	649241	5679629
01JBL-3259	-84.33139	51.28942	16	686073	5685393	686080	5685175
01JBL-3260	-84.35554	51.29990	16	684348	5686496	684354	5686278
01JBL-3264	-84.32386	51.28558	16	686614	5684984	686620	5684766
01JBL-3265B	-84.32335	51.27596	16	686688	5683917	686695	5683698
01JBL-3266	-84.35634	51.29928	16	684294	5686426	684300	5686208
01JBL-3270	-84.15713	51.25675	16	698362	5682217	698369	5681999
01JBL-3271	-84.06923	51.26915	16	704439	5683836	704446	5683618
01JBL-3272	-84.04942	51.28084	16	705769	5685191	705776	5684973
01JBL-3273	-84.03797	51.28524	16	706548	5685713	706555	5685494
01JBL-3291	-83.86028	50.97211	17	299192	5650619	299186	5650401
01JBL-3293	-83.79020	50.90020	17	303809	5642435	303802	5642217
01JBL-3296	-83.86185	50.97099	17	299077	5650499	299071	5650280
01JBL-3297	-83.84180	50.93084	17	300312	5645981	300306	5645762
01JBL-3298	-83.80734	50.92104	17	302692	5644798	302686	5644579
01JBL-3299	-83.78803	50.91543	17	304025	5644123	304019	5643904
01JBL-3300	-83.78364	50.91143	17	304317	5643667	304310	5643448
01JBL-3307	-83.49295	50.97305	17	324981	5649787	324975	5649569
01JBL-3308	-83.56193	50.96456	17	320106	5649009	320100	5648791
01JBL-3311	-83.64002	50.88153	17	314293	5639971	314287	5639752
01JBL-3331	-83.49694	51.17369	17	325457	5672104	325452	5671886
01JBL-3332	-83.48398	51.02972	17	325823	5656066	325817	5655847
01JBL-3333	-83.48439	51.03028	17	325796	5656129	325790	5655911
01JBL-3334	-83.85746	51.32050	17	300896	5689344	300889	5689126
01JBL-3335	-83.27317	51.48466	17	342169	5706174	342164	5705955
01JBL-3336	-83.27554	51.60452	17	342420	5719506	342414	5719288
01JBL-3337	-84.15339	51.25936	16	698612	5682517	698619	5682298
01JBL-3339	-85.00792	51.29280	16	638896	5684271	638901	5684052
01JBL-3340	-85.02504	51.30681	16	637660	5685796	637665	5685578
01JBL-3341	-85.03814	51.35019	16	636619	5690595	636623	5690377
01JBL-3342	-85.03852	51.36610	16	636545	5692364	636549	5692146
01JBL-3343	-85.06386	51.38068	16	634738	5693938	634742	5693720
01JBL-3344	-85.04964	51.39753	16	635677	5695838	635682	5695620
01JBL-3345	-85.06381	51.40360	16	634674	5696488	634679	5696269
01JBL-3346	-85.09181	51.41527	16	632693	5697734	632697	5697515
01JBL-3347	-85.15626	51.43572	16	628154	5699893	628159	5699675
01JBL-3348	-85.17895	51.45940	16	626511	5702487	626516	5702269
01JBL-3349	-85.20575	51.48915	16	624569	5705749	624573	5705531
01JBL-3350	-85.21060	51.49462	16	624217	5706349	624221	5706131
01JBL-3351	-85.05417	51.40719	16	635334	5696904	635339	5696686
01JBL-3368	-83.06480	51.80253	17	357635	5741092	357630	5740874
01JBL-3373	-84.54747	51.11557	16	671654	5665537	671660	5665319
01JBL-3374	-84.55953	51.11537	16	670811	5665487	670817	5665269
01JBL-3375	-84.59742	51.12148	16	668137	5666079	668143	5665861
01JBL-3376	-84.60600	51.13779	16	667477	5667873	667483	5667655
01JBL-3377	-84.69287	51.16549	16	661304	5670759	661310	5670540
01JBL-3378	-84.72276	51.18542	16	659147	5672910	659152	5672691
01JBL-3379	-84.75211	51.18748	16	657089	5673075	657094	5672857
01JBL-3380	-84.79291	51.18833	16	654235	5673084	654240	5672865
01JBL-3381	-84.80666	51.20629	16	653214	5675051	653219	5674833
01JBL-3382	-84.85663	51.23465	16	649632	5678102	649637	5677884

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-3383	-84.86033	51.24669	16	649335	5679434	649340	5679215
01JBL-3384	-84.55689	51.08023	16	671125	5661586	671131	5661368
01JBL-3385	-84.57559	51.07132	16	669849	5660553	669854	5660334
01JBL-3386	-84.58507	51.04574	16	669277	5657686	669283	5657467
01JBL-3387	-84.60306	51.00935	16	668149	5653599	668154	5653381
01JBL-3388	-84.41683	51.15913	16	680626	5670693	680632	5670475
01JBL-3401	-84.55283	51.07984	16	671411	5661552	671417	5661334
01JBL-3402	-84.52061	51.07400	16	673690	5660978	673696	5660760
01JBL-3403	-84.52934	51.11485	16	672925	5665499	672931	5665281
01JBL-3404	-84.32380	51.24914	16	686766	5680933	686772	5680715
01JBL-3405	-84.03429	51.27975	16	706829	5685113	706836	5684894
01JBL-3406	-83.66862	51.40900	17	314410	5698688	314404	5698470
Sample Duplicates							
01JBL-5001	-86.34386	52.22561	16	544817	5786335	544819	5786117
01JBL-5002	-86.30238	52.26904	16	547604	5791192	547605	5790974
01JBL-5003	-85.96679	52.64427	16	569906	5833201	569909	5832983
01JBL-5004	-85.94147	52.64992	16	571610	5833854	571613	5833637
01JBL-5005	-85.60474	53.02810	16	593573	5876307	593576	5876090
01JBL-5006	-85.44396	53.09487	16	604194	5883956	604198	5883739
01JBL-5007	-85.47736	53.20989	16	601685	5896701	601689	5896484
01JBL-5008	-85.60729	53.18101	16	593071	5893312	593075	5893095
01JBL-5009	-85.03986	52.91932	16	631784	5865095	631788	5864877
01JBL-5010	-85.07569	52.83595	16	629623	5855757	629628	5855539
01JBL-5011	-84.79746	53.03491	16	647684	5878422	647689	5878205
01JBL-5012	-84.45573	53.08292	16	670404	5884520	670410	5884303
01JBL-5013	-83.64532	52.88289	17	322009	5862520	322003	5862303
01JBL-5014	-83.64188	52.89389	17	322285	5863735	322279	5863518
01JBL-5015	-82.76181	52.92953	17	381577	5865884	381573	5865667
01JBL-5016	-83.56716	52.90410	17	327351	5864689	327345	5864471
01JBL-5017	-84.98102	53.79499	16	632984	5962603	632989	5962386
01JBL-5018	-84.15350	53.55244	16	688560	5937497	688566	5937280
01JBL-5019	-84.48883	53.55937	16	666324	5937431	666330	5937215
01JBL-5022	-83.87982	53.51506	17	309066	5933429	309059	5933212
01JBL-5023	-83.17545	53.47482	17	355621	5927295	355616	5927078
01JBL-5024	-83.24336	53.49662	17	351191	5929860	351186	5929644
01JBL-5025	-82.60949	53.34529	17	392854	5911890	392850	5911672
01JBL-5026	-82.66900	53.38970	17	389008	5916921	389005	5916704
01JBL-5027	-83.51782	52.42803	17	328818	5811629	328812	5811411
01JBL-5028	-83.50855	52.43499	17	329475	5812381	329469	5812163
01JBL-5029	-83.16384	52.64126	17	353592	5834563	353587	5834345
01JBL-5030	-83.10124	52.71675	17	358073	5842833	358068	5842615
01JBL-5031	-83.02666	52.77864	17	363303	5849572	363299	5849355
01JBL-5032	-82.98780	52.79765	17	365982	5851613	365978	5851395
01JBL-5033	-82.33924	52.75500	17	409617	5845858	409614	5845640
01JBL-5501	-82.17699	52.32888	17	419794	5798270	419791	5798052
01JBL-5502	-82.97309	52.37159	17	365677	5804201	365673	5803983
01JBL-5503	-82.75774	52.49587	17	380673	5817645	380669	5817427
01JBL-5504	-82.75319	52.49296	17	380974	5817314	380970	5817096
01JBL-5505	-82.58110	52.60128	17	392920	5829092	392917	5828874
01JBL-5506	-82.16876	52.77773	17	421163	5848186	421161	5847968

Sample Number	Longitude (Dec Deg)	Latitude (Dec Deg)	UTM Zone	Easting NAD83 (meters)	Northing NAD83 (meters)	Easting NAD27 (meters)	Northing NAD27 (meters)
01JBL-5507	-82.21850	52.73350	17	417725	5843322	417722	5843104
01JBL-5508	-82.41271	52.57814	17	404274	5826281	404270	5826063
01JBL-5509	-84.49262	51.10213	16	675543	5664172	675549	5663954
01JBL-5510	-84.38665	51.20758	16	682545	5676155	682551	5675937
01JBL-5511	-84.35706	51.29941	16	684243	5686439	684250	5686220
01JBL-5512	-84.07110	51.26867	16	704311	5683778	704318	5683560
01JBL-5513	-83.80966	51.34008	17	304309	5691392	304303	5691174
01JBL-5516	-83.56696	51.43686	17	321587	5701533	321581	5701315
01JBL-5517	-83.57521	51.42514	17	320968	5700250	320962	5700032
01JBL-5518	-83.40436	51.47334	17	333020	5705206	333015	5704988
01JBL-5519	-83.51086	51.14969	17	324394	5669469	324388	5669251
01JBL-5520	-83.50301	51.18708	17	325084	5673607	325078	5673389
01JBL-5521	-83.50465	51.22809	17	325125	5678171	325119	5677952
01JBL-5522	-83.51647	51.26210	17	324429	5681981	324423	5681762
01JBL-5523	-83.51301	51.27358	17	324714	5683249	324709	5683031
01JBL-5524	-83.50897	51.29679	17	325084	5685820	325078	5685601
01JBL-5525	-83.28911	51.63886	17	341600	5723354	341594	5723136
01JBL-5526	-83.04167	51.80981	17	359252	5741857	359247	5741639
01JBL-5527	-82.85918	51.88793	17	372053	5750207	372049	5749989
01JBL-5528	-82.53450	51.95620	17	394556	5757279	394553	5757060

APPENDIX B: Summary Counts of Estimated Numbers of Kimberlite Indicator Mineral Grains.

This appendix represents a condensed listing of the estimated number of indicator minerals identified by Overburden Drilling Management Limited. The complete listing, including picked numbers of grains and mineral processing information, is included in MRD 119.

Summary of Abbreviations:

CR:	Chromite
DC:	Cr-diopside
FO:	Forsteritic olivine
GO:	Eclogitic garnet (garnet orange)
GP:	Cr-pyrope garnet (garnet peridotite)
IM:	Ilmenite
KIMs:	Kimberlite Indicator Minerals
Low Cr-Diop:	Low Cr-diopside

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-0001	1	0	0	0	0	0	27	0	0	0	0	0	73	15	7	0	0	0	50	25	25
01JBL-0002	0	0	7	0	0	0	0	0	2	2	0	0	19	0	16	3	2	5	125	2	40
01JBL-0003	0	1	9	0	0	0	1	1	0	1	0	0	39	2	5	7	0	1	80	3	7
01JBL-0004	0	0	0	1	0	0	0	0	1	5	0	0	80	1	35	17	0	4	200	2	40
01JBL-0007	0	0	2	0	0	0	6	0	0	0	0	0	12	5	0	2	0	4	30	5	3
01JBL-0008	0	0	3	0	1	0	200	0	0	4	0	1	650	10	53	11	0	2	125	13	35
01JBL-0009	0	1	13	1	0	0	6	0	6	17	3	1	350	32	58	29	2	3	400	20	24
01JBL-0010	0	0	8	0	0	0	0	0	0	0	0	1	2	0	18	11	0	1	40	21	41
01JBL-0011	0	0	8	0	0	0	1	0	0	10	0	0	60	1	16	15	0	4	150	10	23
01JBL-0012	0	0	4	0	0	0	0	0	0	1	0	0	35	6	6	7	1	2	100	25	20
01JBL-0013	0	0	0	0	0	0	22	0	0	0	0	0	41	3	1	3	0	0	11	3	2
01JBL-0014	0	0	0	0	1	0	9	0	0	0	0	0	34	2	5	2	0	0	18	0	5
01JBL-0015	0	2	7	0	0	0	0	0	0	3	0	0	25	4	6	21	1	6	100	35	40
01JBL-0016	0	0	0	0	0	0	0	0	0	3	0	2	23	3	18	27	0	29	80	15	40
01JBL-0017	0	0	0	0	0	3	0	0	5	24	0	10	52	3	200	250	15	100	250	7	500
01JBL-0028	0	0	3	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	2	2	0
01JBL-0029	0	0	5	0	0	0	0	0	0	0	0	0	19	1	4	9	0	3	37	3	2
01JBL-0030	0	0	3	0	0	0	0	0	0	0	0	0	1	5	0	2	1	0	3	2	0
01JBL-0031	0	0	1	2	0	0	3	0	4	2	0	0	38	0	15	4	1	2	50	1	10
01JBL-0032	0	0	0	1	0	0	2	0	1	2	0	0	113	0	80	3	0	2	250	3	14
01JBL-0033	0	0	0	2	0	1	0	0	7	17	5	1	72	1	78	76	12	16	300	1	400
01JBL-0038A	0	0	25	1	0	0	40	0	1	35	4	1	400	2	38	150	9	31	400	4	400
01JBL-0039	0	0	11	0	0	0	0	0	4	2	0	0	4	0	34	18	1	0	6	2	50
01JBL-0040	0	0	0	0	0	0	0	0	5	4	0	3	1	0	110	49	0	24	24	0	250
01JBL-0041	0	0	4	0	0	0	0	0	1	0	0	0	11	0	1	5	0	1	10	9	20
01JBL-0042	0	0	0	0	0	0	8	0	13	12	0	0	80	0	100	11	0	5	70	0	150
01JBL-0043	0	0	12	7	1	0	59	0	11	54	6	5	500	18	150	143	10	20	400	10	250
01JBL-0044	0	0	4	4	1	0	17	0	11	34	1	1	500	0	300	100	9	14	250	15	150
01JBL-0045	0	0	0	0	0	0	6	0	11	22	1	4	80	1	100	150	2	50	90	2	250
01JBL-0049	0	0	10	11	2	0	3	0	2	150	5	1	400	17	14	1800	6	20	600	70	250
01JBL-0064	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	4
01JBL-0066	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	0	0
01JBL-0067	0	0	2	0	0	0	0	1	0	0	0	0	1	7	0	0	0	0	3	8	0
01JBL-0068	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0
01JBL-0069	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01JBL-0070	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	34	1
01JBL-0075	0	0	1	0	0	0	0	0	1	0	0	0	0	7	5	3	0	2	0	70	20
01JBL-0076	0	0	7	0	0	0	0	0	1	0	0	0	1	7	0	3	0	0	0	1	1
01JBL-0078	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
01JBL-0083	0	0	0	0	0	0	0	0	1	2	0	0	0	2	5	4	0	0	0	4	5
01JBL-0085	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3
01JBL-0086	0	0	8	0	0	0	0	0	0	0	0	0	3	0	1	1	0	0	1	1	2
01JBL-0087	0	0	0	0	0	0	0	0	0	0	0	0	3	4	1	0	0	0	1	10	2
01JBL-0088	0	0	0	0	0	0	1	0	0	0	1	0	0	0	3	0	0	0	1	0	1
01JBL-0089	0	0	0	0	0	0	0	0	0	1	0	0	2	0	2	1	0	0	5	3	1
01JBL-0090	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
01JBL-0091	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	1	0	5
01JBL-0092	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0093	0	0	2	0	0	0	0	0	0	2	0	0	2	3	2	2	0	0	2	0	2
01JBL-0094	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
01JBL-0095	0	0	4	0	1	0	1	0	0	0	0	0	2	8	2	3	0	1	3	15	5
01JBL-0096	0	0	10	0	0	0	0	0	0	2	0	0	0	0	3	9	1	0	0	9	0
01JBL-0097	0	0	4	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3	0	1	0
01JBL-0098	0	0	5	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	0	1
01JBL-0100	0	0	4	0	0	0	0	0	0	0	1	0	2	0	1	1	0	0	1	6	2
01JBL-0101	0	0	0	0	0	0	0	1	0	2	0	0	2	1	1	4	0	0	0	2	1
01JBL-0102	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0	1	0	0	0
01JBL-0103	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
01JBL-0104	0	0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	40	2
01JBL-0105	0	0	5	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	1	60	0
01JBL-0107	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	24	0
01JBL-0108	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	60	0
01JBL-0109	0	0	0	0	0	0	0	0	0	0	0	0	1	12	0	0	0	0	0	250	0
01JBL-0110	0	0	2	0	0	0	0	0	0	0	0	0	4	4	2	1	0	0	1	450	1
01JBL-0111	0	0	1	0	0	0	0	0	0	0	0	0	0	5	0	2	0	0	0	11	0
01JBL-0115	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	4	1
01JBL-0116	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
01JBL-0117	0	0	6	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	13	1
01JBL-0118	No Sample	0	1	No Sample						0	0	0	0	0	0	0	0	0	0	0	1
01JBL-0119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	60	0

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-0120	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0121	0	1	0	0	0	0	3	0	0	0	0	0	5	7	0	0	0	0	0	14	2
01JBL-0122	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	14	2
01JBL-0123	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	3	3
01JBL-0124	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	39	0
01JBL-0125	0	1	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	80	2
01JBL-0126	0	0	3	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	150	0
01JBL-0127	0	0	3	0	0	0	0	0	0	0	0	0	2	29	1	0	0	0	0	200	1
01JBL-0128	0	0	0	0	0	0	0	0	0	0	0	0	6	6	0	2	0	0	0	100	0
01JBL-0129	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0130	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	4	1	3
01JBL-0131	0	0	3	0	0	0	0	0	0	2	0	0	0	4	0	4	1	0	0	100	1
01JBL-0132	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	1	0	0
01JBL-0133	0	1	2	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	4	1
01JBL-0134	0	0	2	0	0	0	0	0	0	0	0	0	3	1	2	0	0	0	3	0	1
01JBL-0135	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	4	0
01JBL-0136	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0
01JBL-0137	0	0	5	0	0	0	0	0	0	0	0	0	0	1	0	3	0	1	0	3	3
01JBL-0138	0	0	3	0	0	0	0	0	0	0	0	0	2	6	0	1	0	0	10	23	1
01JBL-0139	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	4	0	1	2	0	3
01JBL-0140	0	0	0	0	0	0	0	0	1	5	0	0	50	0	19	21	0	2	50	0	20
01JBL-0141	0	1	5	0	0	0	0	0	0	2	0	0	0	2	2	3	0	0	0	1	9
01JBL-0144	0	0	6	1	0	0	2	1	1	1	0	0	21	31	10	7	1	0	3	25	25
01JBL-0145	0	0	5	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	0	1
01JBL-0146	0	0	0	37	9	0	800	3	150	800	100	25	25000	40	4000	1500	40	55	100000	50	5000
01JBL-0147	0	1	6	0	1	0	1	0	3	81	9	0	100	8	70	600	10	13	250	5	250
01JBL-0148B	0	0	0	41	7	0	200	2	13	700	42	9	1500	60	500	1000	30	25	6000	40	500
01JBL-0153	0	0	0	0	0	0	0	0	0	2	0	0	0	1	5	51	0	22	2	0	60
01JBL-0154	0	0	6	1	0	0	1	0	0	31	3	0	57	3	43	101	6	12	150	18	250
01JBL-0155	0	0	5	2	2	0	3	0	4	37	3	1	300	10	32	150	6	4	600	15	80
01JBL-0157	0	0	0	0	0	0	5	0	2	14	1	0	100	4	25	80	1	4	150	0	40
01JBL-0158	0	0	4	0	0	0	0	0	1	4	0	0	0	0	3	10	1	0	5	0	10
01JBL-0159	0	0	2	0	0	0	2	0	3	5	2	0	47	3	14	11	0	1	50	5	15
01JBL-0160	0	0	14	2	0	0	11	0	0	19	1	0	350	6	13	33	5	3	300	5	40
01JBL-0161	0	0	1	0	0	0	0	0	0	0	1	0	6	0	16	14	2	3	9	0	37
01JBL-0162	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	11	0	0	25	2	10
01JBL-0163	0	0	4	0	0	0	1	0	1	3	0	0	24	0	7	4	1	1	80	20	20
01JBL-0164	0	1	2	0	0	0	0	0	0	0	0	0	0	0	4	1	0	1	0	0	10
01JBL-0177	0	0	5	0	0	0	0	0	1	1	0	0	4	1	4	4	0	0	5	1	3
01JBL-0178	0	0	11	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	7	2	0
01JBL-0187	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0190	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-0191	0	0	1	0	0	0	0	0	0	0	0	0	15	1	0	0	0	0	0	10	1
01JBL-0192	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	1
01JBL-0193	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	6	1	
01JBL-0214	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0	
01JBL-0215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01JBL-0216	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
01JBL-0226	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01JBL-0227	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0
01JBL-0228	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	0
01JBL-0229	0	0	3	0	0	0	0	0	0	0	0	0	0	6	0	1	0	0	0	12	0
01JBL-0239	0	0	5	0	0	0	0	0	0	0	0	0	0	1	0	3	0	2	0	10	0
01JBL-0240	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1	0
01JBL-0241	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0242	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0243	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	5	0
01JBL-0244	0	0	4	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
01JBL-0245	0	0	2	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3	1
01JBL-0246	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	0
01JBL-0247	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	5	0
01JBL-0248	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
01JBL-0249	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
01JBL-0250	0	0	4	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0	0	20	0
01JBL-0251	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0
01JBL-0252B	0	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0
01JBL-0253	0	0	2	0	0	0	1	0	0	0	0	0	1	12	0	2	0	0	0	10	0
01JBL-0254	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0
01JBL-0255	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0256	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	3	2

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-0257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0259	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
01JBL-0260	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0
01JBL-0267	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0
01JBL-0268	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0269	0	0	2	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	1	10	0
01JBL-0272	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
01JBL-0273	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0
01JBL-0274	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	4	0
01JBL-0275	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0276	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0277	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0278	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0
01JBL-0290	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4	0
01JBL-0291	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0292	0	0	7	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	3	0
01JBL-0293	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0
01JBL-0294	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
01JBL-0295	0	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0
01JBL-0296	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	1	1	0
01JBL-0297	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
01JBL-0298	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
01JBL-0299	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
01JBL-0300	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0318	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
01JBL-0321	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0322	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0326	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
01JBL-0327	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0333	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0334	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0336	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
01JBL-0337	0	0	2	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	15	0
01JBL-0338	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	6	1
01JBL-0339	0	1	7	0	0	0	0	0	0	0	0	0	0	2	0	1	0	1	0	9	1
01JBL-0340	0	0	3	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	5	0
01JBL-0341	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0342	0	1	3	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2	0	7	1
01JBL-0343	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	3	0
01JBL-0345	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0
01JBL-0346	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
01JBL-0347	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	7	3
01JBL-0348	0	0	1	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	7	1
01JBL-0349	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0350A	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
01JBL-0351	0	0	6	0	0	0	0	0	0	0	0	0	2	14	0	1	0	0	0	16	0
01JBL-0352	0	0	2	0	0	0	0	0	0	0	0	0	0	9	2	1	0	0	0	11	0
01JBL-0353	0	0	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	40	0
01JBL-0354	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	15	1
01JBL-0355	0	0	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	10	0
01JBL-0356	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0357	0	0	6	0	0	0	0	0	0	0	0	0	0	60	0	1	0	0	0	100	0
01JBL-0358	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	50	0
01JBL-0359	0	0	2	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	5	0
01JBL-0360	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0361	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	10	1
01JBL-0363	0	0	2	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	8	1
01JBL-0366	0	0	2	0	0	0	0	0	0	0	0	0	1	11	0	0	0	0	0	5	0
01JBL-0367	0	0	4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	20	0
01JBL-0368	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	1
01JBL-0369	0	0	5	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	40	0
01JBL-0373	0	0	4	0	0	0	0	0	0	0	0	0	0	5	1	2	0	0	0	25	0
01JBL-0374	0	0	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0
01JBL-0375	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	2	0
01JBL-0376	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
01JBL-0378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-0379	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0
01JBL-0380	0	0	11	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	11	0
01JBL-0381	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
01JBL-0382	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0383	0	0	2	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	3	0
														0	0	0	0	1	0	0	0

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-0384	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-0386	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4	0
01JBL-0387	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0388	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
01JBL-0389	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0395	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-0396	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0
01JBL-0397	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0
01JBL-0398	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01JBL-0399	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0401	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0402	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	10	0
01JBL-0403	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0404	0	0	7	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	1	4	0
01JBL-0405	0	0	3	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3	0
01JBL-0406	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0417	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0418	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0419	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0420	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	1
01JBL-0422	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	9	0
01JBL-0423	0	0	2	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	13	3
01JBL-0424	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
01JBL-0425	0	0	1	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	11	0
01JBL-0426	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	3	0
01JBL-0427	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
01JBL-0428	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-0429	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	1
01JBL-0431	0	0	3	0	0	0	1	0	0	0	0	0	0	7	3	1	0	0	1	5	0
01JBL-0432	0	0	5	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	2	0
01JBL-0433	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	4	0	0	0	4	0
01JBL-0434	0	0	0	0	0	0	2	0	0	0	0	0	3	4	0	0	0	0	0	1	0
01JBL-0435	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	0	0	0	2	1
01JBL-0437	0	0	3	0	0	0	1	0	0	0	0	0	5	11	4	3	0	0	0	15	0
01JBL-0438	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	0	1	0
01JBL-0439	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	2	4	0
01JBL-0442	0	0	6	0	0	0	0	0	0	0	0	0	0	2	0	3	0	0	0	0	1
01JBL-0447	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	3	0
01JBL-0448	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
01JBL-0449	0	1	7	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	0	5	0
01JBL-0450	0	0	2	0	0	0	0	0	0	0	0	0	2	1	0	2	0	0	2	3	1
01JBL-0451	0	0	3	0	0	0	0	0	0	0	0	0	3	2	1	3	0	0	0	0	2
01JBL-0452	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0
01JBL-0453	0	0	5	0	0	0	1	2	0	1	0	0	20	30	2	5	0	2	10	30	2
01JBL-0454	0	0	6	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0
01JBL-0455	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	14	0
01JBL-0456	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	17	0
01JBL-0457	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
01JBL-0458	0	0	4	0	0	0	0	0	0	0	0	0	4	1	2	2	0	0	1	5	2
01JBL-0459	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	40	1
01JBL-0461	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	70	1
01JBL-0462	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0463	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
01JBL-0464	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	1
01JBL-0465	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0
01JBL-0466	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	9	0
01JBL-0480	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0
01JBL-0481	0	0	11	0	0	0	0	1	0	0	0	0	0	8	1	3	0	0	0	40	0
01JBL-0482	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	30	0
01JBL-0484	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	50	0
01JBL-0485	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	1	0	0	0	25	3
01JBL-0486	0	0	2	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	25	0
01JBL-0487	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0488	0	0	2	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	17	1
01JBL-0489	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0
01JBL-0490	0	0	1	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	30	0
01JBL-0491	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	22	2
01JBL-0494	0	0	1	0	0	0	0	0	0	0	0	0	0	7	0	1	0	0	0	20	3
01JBL-0496	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	20	0
01JBL-0498	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	4	1

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-0499	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	13	0
01JBL-0500	0	0	4	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	10	0
01JBL-0501	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0502	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	5	2
01JBL-0503	0	0	2	0	0	0	1	0	0	0	0	0	1	1	0	2	0	0	2	4	0
01JBL-0504	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0505	0	0	4	0	0	0	0	0	0	0	0	0	0	12	1	1	0	0	0	15	2
01JBL-0506	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	4	0
01JBL-0507	0	0	4	0	0	0	0	0	0	0	0	0	7	15	0	1	0	0	1	15	0
01JBL-0508	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	15	10	2
01JBL-0509	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	2	0	7	0
01JBL-0510	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0511	0	0	2	0	0	0	0	0	0	0	0	0	2	28	1	0	0	0	0	16	2
01JBL-0512	0	0	0	0	0	0	0	0	0	0	0	0	2	11	0	1	0	0	0	50	0
01JBL-0513	0	0	3	0	0	0	0	0	0	0	0	0	8	6	1	1	0	0	3	1	0
01JBL-0514	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0
01JBL-0518	0	0	6	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	21	0
01JBL-0519	0	0	5	0	0	0	0	1	0	0	0	0	0	7	0	2	0	0	0	20	0
01JBL-0520	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	27	1
01JBL-0521	0	0	3	0	0	0	0	0	0	0	0	0	0	3	0	4	0	0	0	40	1
01JBL-0522	0	0	7	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	0	14	0
01JBL-0523	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	14	0
01JBL-0524	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0
01JBL-0535	0	0	1	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	8	0
01JBL-0537	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4	0
01JBL-0549	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-0550	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0551	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	18	0
01JBL-0552	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
01JBL-0553	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1
01JBL-0554	0	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	7	0
01JBL-0555	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
01JBL-0556	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0557	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0558	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0559	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0560	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	6	0
01JBL-0561	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0
01JBL-0562	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-0563	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0
01JBL-0564	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-0575	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0
01JBL-0576	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0577	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	1	3	0
01JBL-0578	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0579	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
01JBL-0580	0	0	9	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	3	0
01JBL-0581	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	7	0
01JBL-0597	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0598	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	25	0
01JBL-0599	0	0	2	0	0	0	0	0	0	0	0	0	0	4	1	1	0	0	0	3	1
01JBL-0604	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	7	0
01JBL-0605	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	15	0
01JBL-0606	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	25	0
01JBL-0607	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
01JBL-0611	0	0	0	0	0	0	0	0	0	0	0	0	1	10	0	0	0	0	0	25	0
01JBL-0612	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0613	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
01JBL-0614	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2
01JBL-0615	0	0	9	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	9	0
01JBL-0616	0	0	5	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	20	1
01JBL-0617	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	30	0
01JBL-0618	0	0	2	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	50	2
01JBL-0619	0	0	4	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	15	0
01JBL-0620	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-0621	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	8	0
01JBL-0622	0	0	2	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	50	0
01JBL-0623	0	0	6	0	0	0	0	0	0	0	0	0	1	6	1	1	0	0	0	6	1
01JBL-0624	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	20	0
01JBL-0625	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
01JBL-0626	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-0627	0	0	5	0	0	0	0	0	0	0	0	0	1	7	0	1	0	0	1	30	0
01JBL-0630	0	0	5	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	8	0
01JBL-0635	0	0	1	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	15	0
01JBL-0648	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	4	0
01JBL-0649	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0650	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
01JBL-0652	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
01JBL-0653	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	25	0
01JBL-0654	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0655	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
01JBL-0656	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-0657	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	9	0
01JBL-0658	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1	0
01JBL-0659	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-0660	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0669	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0
01JBL-0670	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
01JBL-0671	0	0	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0
01JBL-0672	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-0673	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
01JBL-0674	0	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	4	0
01JBL-0675	0	0	7	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
01JBL-0676	0	1	1	0	0	0	0	0	0	0	0	0	0	15	0	0	1	0	0	20	0
01JBL-0677	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
01JBL-0678	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
01JBL-0679	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
01JBL-0680	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	11	0
01JBL-0681	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-0682	0	0	3	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4	0
01JBL-0683	0	0	2	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	20	0
01JBL-0684	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0685	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-0686	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	20	0
01JBL-0687	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0688	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0
01JBL-0689	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0
01JBL-0690	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	0
01JBL-0691	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0717	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0718	0	0	1	0	0	0	0	1	0	1	0	0	0	4	1	2	0	0	0	50	0
01JBL-0719	0	0	0	0	0	0	0	0	0	1	0	0	0	8	0	0	0	0	0	20	0
01JBL-0720	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-0834	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0840	0	0	1	0	0	0	0	1	0	0	0	0	1	2	0	1	0	0	0	5	0
01JBL-0841	0	0	2	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6	1
01JBL-0842	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0
01JBL-0844	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0
01JBL-0845	0	0	1	0	0	0	1	0	0	0	0	0	0	10	0	0	0	0	0	25	0
01JBL-0846	0	0	2	0	0	0	1	2	0	0	0	0	4	19	0	0	0	0	5	15	0
01JBL-0847	0	0	2	0	0	0	1	0	0	0	0	1	1	12	0	0	0	0	0	12	0
01JBL-0848	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	2	0
01JBL-0849	0	0	5	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	2	1
01JBL-0850	0	0	9	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	20	0
01JBL-0851	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
01JBL-0852	0	0	1	1	0	0	0	0	0	0	0	0	3	27	0	0	0	0	0	40	0
01JBL-0853	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	2	0
01JBL-0854	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	11	1
01JBL-0855	0	0	2	0	0	0	0	7	0	0	0	0	0	27	0	0	0	0	0	500	0
01JBL-0856	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	15	0
01JBL-0857	0	0	0	0	0	0	0	0	0	1	0	0	1	6	0	3	0	0	1	100	0
01JBL-0858	0	0	0	0	0	0	2	0	0	0	0	0	0	3	0	0	0	0	0	28	0
01JBL-0860	0	0	2	0	0	0	0	0	0	0	0	0	0	16	1	1	0	0	0	[illegible]	0
01JBL-0861	0	0	4	0	0	0	0	0	0	0	0	0	1	3	0	1	0	0	0	48	0
01JBL-0862	0	1	4	0	0	0	0	0	0	1	0	0	1	10	0	4	0	0	0	20	0
01JBL-0864	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-0865	0	0	7	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	0	100	0
01JBL-0878	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-0880	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	20	0
01JBL-0881	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	8	0
01JBL-0882	0	0	3	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	60	1
01JBL-0883	0	0	2	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	250	0

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-0884	0	0	6	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	18	0
01JBL-0885	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0
01JBL-0886	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	50	0
01JBL-0887	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0
01JBL-0888	0	0	5	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	17	0
01JBL-0889	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	40	0
01JBL-0891	0	0	0	0	0	0	0	0	0	0	0	0	3	7	0	0	0	0	0	30	0
01JBL-0892	0	0	5	0	0	0	0	0	0	0	0	0	2	23	0	1	0	0	1	400	0
01JBL-0893	0	0	1	0	0	0	0	0	0	0	0	0	0	6	1	2	0	1	15	25	0
01JBL-0894	0	1	7	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1	0
01JBL-0895	0	0	1	0	0	0	0	0	0	0	0	0	7	13	0	1	0	0	0	100	0
01JBL-0896	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0
01JBL-0897	0	0	1	0	0	0	1	0	0	0	0	0	3	9	0	0	0	0	0	50	0
01JBL-0898	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3	0
01JBL-0899	0	0	1	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	1	30	0
01JBL-0900	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	20	0
01JBL-0901	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
01JBL-0902	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	2	0	1	8
01JBL-0903	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5	0	2	0	0	12
01JBL-0905	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0906	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0907	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	4	0	2	2	13	0
01JBL-0908B	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0
01JBL-0915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	11	2
01JBL-0916	0	0	3	0	0	0	0	0	0	1	0	0	2	4	5	0	1	0	4	10	3
01JBL-0918	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0
01JBL-0919	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	10	0
01JBL-0920	No Sample	No Sample	0	No Sample						No Sample						0	0	0	0	0	0
01JBL-0921	0	0	2	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	4	0
01JBL-0922	0	0	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	5	1
01JBL-0923	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-0925	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
01JBL-0926	0	0	3	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	1	5	0
01JBL-0927	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	4	5
01JBL-0929	0	0	2	0	0	0	0	0	0	0	0	0	2	3	3	1	0	0	4	3	4
01JBL-0930	0	0	1	0	0	0	0	0	0	0	0	0	2	0	3	1	0	1	0	0	3
01JBL-0931	No Sample	No Sample	0	No Sample						No Sample						0	0	0	0	0	0
01JBL-0932	0	0	2	0	0	0	0	1	0	0	0	0	2	7	1	0	0	0	1	7	0
01JBL-0933	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	3	12	1
01JBL-0934	0	0	7	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	5	3	1
01JBL-0935	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
01JBL-0936	0	0	0	0	0	0	1	0	0	0	0	0	4	4	0	2	0	0	1	0	3
01JBL-0937	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	1	0	4
01JBL-0938	0	0	1	0	0	0	0	0	0	0	0	0	0	2	6	3	0	1	15	4	10
01JBL-0939	0	0	9	0	0	0	0	0	0	0	0	0	0	1	0	10	2	7	4	1	4
01JBL-0940	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	1	2
01JBL-0941	0	0	0	0	0	0	0	0	0	0	0	0	4	6	3	0	0	0	8	10	3
01JBL-0942	0	0	2	0	0	0	0	0	0	0	0	0	0	0	7	3	0	1	0	0	12
01JBL-0943	0	2	2	0	0	0	0	0	0	1	0	0	0	1	2	8	0	2	0	0	20
01JBL-0944	0	0	8	0	0	0	0	0	0	1	0	0	0	0	1	6	0	0	2	7	9
01JBL-0945	0	0	2	0	0	0	0	1	0	0	0	0	6	8	2	5	1	0	7	14	7
01JBL-0946	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
01JBL-0947	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	4	0	0	0	0	3
01JBL-0948	0	0	1	0	0	0	0	1	0	0	0	0	2	1	0	0	0	0	3	1	0
01JBL-0949	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	6	0
01JBL-0950	0	0	3	0	0	0	1	0	0	0	0	0	2	1	0	0	0	0	4	8	2
01JBL-0951	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	20
01JBL-0952	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	5	2
01JBL-0953	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	3	4	0
01JBL-0954	0	0	0	0	0	0	0	1	0	0	0	0	2	4	1	0	0	1	1	5	0
01JBL-0955B	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0956B	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-0957B	0	0	1	0	0	0	0	0	0	0	0	0	2	1	2	2	0	0	0	9	5
01JBL-0959	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	1
01JBL-0960	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4	0
01JBL-0961	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-0962	0	0	1	0	0	0	2	1	0	0	0	0	2	14	0	0	0	0	0	30	0
01JBL-0963	0	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	3	0
01JBL-0971	0	0	4	0	0	0	0	0	0	0	0	0	1	0	9	6	0	0	27	31	20
01JBL-0972	0	0	0	0	0	0	0	0	0	0	0	0	4	3	1	0	0	0	5	1	2
01JBL-0973	0	0	1	0	0	0	1	0	0	0	0	0	0	3	7	6	1	0	9	9	0

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-0974	0	0	1	0	0	0	0	0	0	1	0	0	2	2	2	5	2	0	16	3	7
01JBL-0975	0	0	1	0	0	0	0	0	0	1	0	0	4	6	16	4	0	1	31	14	20
01JBL-0976	0	0	2	0	0	0	0	1	0	1	0	1	2	1	12	3	0	0	0	0	14
01JBL-0977	0	0	5	0	0	0	0	0	1	0	0	0	2	2	22	7	0	1	11	2	14
01JBL-0978	0	0	3	0	0	0	0	0	1	2	0	1	2	0	31	14	1	1	15	0	50
01JBL-0979	0	0	1	0	0	0	0	0	0	0	0	0	1	6	8	2	0	0	11	25	20
01JBL-0980	0	2	1	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	1	6	1
01JBL-0981	0	0	5	0	0	0	0	0	1	2	0	1	31	12	53	18	1	4	60	25	60
01JBL-0982	0	0	4	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3	4	0
01JBL-0984	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	3	0	1	4	7	5
01JBL-0986	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	6	1
01JBL-0987	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
01JBL-0994	0	1	1	0	0	0	1	0	0	0	0	0	0	3	1	0	0	0	0	3	0
01JBL-0995	0	0	4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	7	0
01JBL-0996	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
01JBL-0997	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	3	0
01JBL-0998	0	0	2	0	0	0	0	0	0	1	0	0	4	1	0	2	0	0	3	5	1
01JBL-0999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
01JBL-1001	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	3	0	1	3	7	20
01JBL-1002	0	0	3	0	0	0	1	0	0	2	0	0	3	0	1	1	0	0	4	3	0
01JBL-1003	0	0	8	0	0	0	2	0	0	0	0	0	5	2	2	4	0	0	20	9	4
01JBL-1004	0	0	13	0	0	0	0	0	0	0	0	0	11	0	2	0	0	0	2	1	1
01JBL-1005	0	1	10	0	0	0	1	0	0	0	0	0	6	1	2	1	0	2	5	15	1
01JBL-1006	0	0	7	0	0	0	0	0	0	0	0	0	2	3	1	6	0	6	0	4	20
01JBL-1007	0	0	0	0	0	0	18	2	0	0	0	0	75	6	0	2	0	0	20	10	1
01JBL-1008	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	20	1
01JBL-1009	0	0	4	0	0	0	32	0	0	0	0	0	110	5	8	3	0	0	50	25	6
01JBL-1010	0	0	0	0	0	0	5	0	0	0	0	0	75	0	2	0	0	1	20	2	2
01JBL-1011	0	0	1	1	1	0	26	0	1	1	0	1	300	4	7	16	0	7	400	25	22
01JBL-1033	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	1
01JBL-1034	0	0	1	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	15	0
01JBL-1035	0	0	2	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	7	0
01JBL-1036	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-1037	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01JBL-1038	0	0	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	53	2
01JBL-1039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	6	0
01JBL-1040	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0
01JBL-1041	0	0	2	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	6	0
01JBL-1042	0	0	0	0	0	0	0	1	0	0	0	0	12	7	1	1	0	0	5	60	2
01JBL-1043	0	0	0	0	0	0	0	1	0	0	0	0	1	75	0	1	0	0	0	300	0
01JBL-1044	0	0	0	0	0	0	0	0	0	0	0	0	0	47	0	0	0	1	0	400	0
01JBL-1045	0	0	0	0	0	0	0	3	0	1	0	0	1	80	0	0	0	0	0	400	0
01JBL-1046	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	30	2
01JBL-1047	0	0	1	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	3	0
01JBL-1048	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-1049	0	0	5	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	2
01JBL-1052	0	1	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	50	0
01JBL-1056	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	7	0
01JBL-1057	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	3	1
01JBL-1058	0	0	4	0	0	0	0	0	0	0	0	0	0	4	0	5	0	0	0	50	0
01JBL-1092	0	0	2	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	30	0
01JBL-1093	0	1	4	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	14	0
01JBL-1094	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	200	1
01JBL-1095	0	0	0	0	0	0	0	0	0	0	0	0	2	5	2	0	0	0	1	40	0
01JBL-1104	0	0	0	0	0	0	0	0	0	0	0	0	1	10	0	0	0	0	0	10	0
01JBL-1111	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0
01JBL-1112	0	0	2	0	0	0	0	3	0	0	0	0	1	28	0	1	0	0	0	1000	3
01JBL-1113	0	0	3	0	0	0	0	0	0	0	0	0	1	11	0	0	0	1	0	40	0
01JBL-1114	0	1	3	0	0	0	0	5	0	0	0	0	1	56	1	1	0	1	0	400	0
01JBL-1115	0	0	2	0	0	0	0	2	0	0	0	0	0	31	0	1	0	0	0	100	0
01JBL-1116	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	3	0
01JBL-1117	0	0	6	0	0	0	0	0	0	0	0	0	1	12	0	1	0	0	0	400	1
01JBL-1118	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-1119	0	0	4	0	0	0	0	39	0	0	0	0	1	225	0	0	0	0	0	7500	0
01JBL-1120	0	0	6	0	0	0	0	83	0	0	0	0	0	500	0	0	0	0	0	3000	0
01JBL-1121	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	200	0
01JBL-1122	0	0	1	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	700	1
01JBL-1123	0	0	2	0	0	0	0	12	0	0	0	0	0	84	0	1	0	2	0	1000	1
01JBL-1124	0	0	6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5	0
01JBL-1125	0	0	1	0	0	0	0	1	0	0	0	0	0	15	0	1	0	0	0	200	0
01JBL-1126	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	15	0

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-1131	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	80	0
01JBL-1145	0	0	3	0	0	0	1	0	0	0	0	0	4	2	2	1	0	1	3	1	1
01JBL-1147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-1148	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-1149	0	0	0	0	0	0	0	1	0	0	0	0	0	7	0	0	0	0	0	2	0
01JBL-1178	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	6	0
01JBL-1181	0	0	5	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	4	1
01JBL-1183	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-1184	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
01JBL-1190	0	0	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0
01JBL-1191	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-1193	0	0	3	0	0	0	5	0	0	0	0	0	5	0	0	1	0	0	9	0	0
01JBL-1194	0	0	5	0	0	0	5	0	0	1	0	0	29	1	0	0	0	0	5	0	1
01JBL-1195	0	0	12	0	0	0	0	0	0	0	0	0	10	0	0	3	0	2	10	1	3
01JBL-1196	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-1197	0	0	8	0	0	0	1	0	0	0	0	0	2	0	2	5	0	1	15	0	3
01JBL-1198	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	5	1	5
01JBL-1199	0	1	6	0	0	0	2	0	0	4	0	0	80	5	10	13	0	2	60	40	13
01JBL-1200	No Sample	0	0	No Sample						0	0	0	0	0	0	1	0	0	0	1	0
01JBL-1201	0	0	4	0	0	0	2	0	0	1	0	0	38	1	2	12	0	3	60	2	20
01JBL-1202	0	0	6	0	0	0	1	0	0	0	0	0	33	3	2	4	0	0	40	6	3
01JBL-1203	0	1	5	0	0	0	0	0	0	1	0	0	5	0	1	8	1	5	30	3	25
01JBL-1204	0	2	13	0	0	0	1	0	1	1	0	0	13	2	2	13	0	1	10	2	1
01JBL-1205	0	1	5	0	0	0	1	0	0	0	0	0	4	1	4	4	1	0	6	1	3
01JBL-1206	0	0	6	0	0	0	0	0	0	0	0	0	5	0	0	15	0	2	30	0	5
01JBL-1210	0	0	1	0	0	0	0	0	0	2	0	0	12	0	4	2	0	0	60	0	1
01JBL-1211	0	0	7	0	0	0	1	0	0	1	0	0	4	0	3	9	0	0	25	2	20
01JBL-1219	0	0	1	0	0	0	6	0	0	0	0	0	5	1	1	1	0	0	6	2	0
01JBL-1220	No Sample	0	3	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-1222	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
01JBL-1223	0	0	4	0	0	0	0	0	0	0	0	0	0	2	0	3	0	2	0	0	0
01JBL-1225	0	0	2	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	1	25	0
01JBL-1226	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	9	0
01JBL-1231	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3
01JBL-2501	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2502	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
01JBL-2503	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0
01JBL-2504	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0
01JBL-2505	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2506	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
01JBL-2507	0	0	4	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	7	0
01JBL-2508	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
01JBL-2509	0	0	5	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0
01JBL-2510	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2511	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2512	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0
01JBL-2513	0	0	7	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	15	0
01JBL-2514	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-2515	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2516	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01JBL-2517	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3
01JBL-2518	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
01JBL-2519	0	0	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	1	1
01JBL-2520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-2521	0	0	6	0	0	0	0	0	0	1	0	0	0	0	0	4	2	1	0	12	0
01JBL-2522	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-2523	0	0	15	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	2	0
01JBL-2524	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
01JBL-2525	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-2532	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-2533	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2535	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	5	0
01JBL-2538	0	0	8	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	30	0
01JBL-2539	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
01JBL-2540	0	0	3	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	1	0
01JBL-2543	0	0	4	0	0	0	0	0	0	0	0	1	1	3	1	0	0	0	0	8	0
01JBL-2550	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
01JBL-2552	0	0	4	0	0	0	0	0	0	2	0	0	1	7	0	3	0	0	8	6	0
01JBL-2553	0	0	1	0	0	0	0	0	0	0	0	0	7	2	0	0	0	0	7	0	0
01JBL-2554	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	1
01JBL-2556	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-2557	0	0	2	0	0	0	0	0	0	0	0	0	9	2	0	0	0	0	0	20	0
01JBL-2558	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2559	0	1	6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01JBL-2560	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2561	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2563	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
01JBL-2564	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2566	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2570	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01JBL-2571	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
01JBL-2572	0	0	1	0	0	0	0	0	1	0	0	0	20	3	1	1	0	0	20	4	1
01JBL-2573	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2574	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-2575	0	0	6	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
01JBL-2576	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
01JBL-2577	0	0	2	0	0	0	0	0	1	1	0	0	4	0	4	4	2	4	25	0	14
01JBL-2578	0	0	3	0	0	0	1	0	0	1	0	1	8	0	0	2	0	1	5	0	0
01JBL-2579	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2580	0	0	2	0	0	0	1	0	0	0	0	0	33	6	1	0	0	0	16	4	0
01JBL-2581	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
01JBL-2582	0	0	0	0	0	0	2	0	0	0	0	0	1	0	2	0	0	1	5	0	2
01JBL-2585	0	1	1	0	0	0	1	0	0	0	0	0	6	0	1	1	0	0	3	6	1
01JBL-2586	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
01JBL-2587	0	1	5	0	0	0	0	0	0	0	1	0	0	0	2	1	0	0	0	0	1
01JBL-2588	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-2589	0	0	4	0	0	0	0	0	0	0	0	0	3	1	0	5	0	0	3	1	0
01JBL-2592	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-2593	0	0	6	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
01JBL-2594	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	1	0
01JBL-2596	0	0	3	0	0	0	1	0	1	2	0	0	9	0	0	4	1	0	22	3	3
01JBL-2597	0	0	3	0	0	0	1	0	0	0	0	0	10	3	0	0	0	0	9	0	2
01JBL-2598	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0
01JBL-2599	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	3	1	2
01JBL-2600	0	1	4	0	0	0	1	0	0	0	0	0	2	1	0	0	0	0	4	3	0
01JBL-2601	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
01JBL-2602	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2603	0	0	1	0	0	0	0	1	0	0	0	0	0	3	0	1	0	0	0	1	0
01JBL-2604	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2605	0	0	6	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
01JBL-2606	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2607	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-2608	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-2609	0	0	4	0	0	0	1	0	0	0	0	0	2	0	0	1	0	0	0	0	0
01JBL-2610	No Sample	No Sample	0	No Sample						No Sample						0	0	0	0	0	0
01JBL-2611	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
01JBL-2612	No Sample	0	1	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2613	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01JBL-2614	No Sample	No Sample	1	No Sample						No Sample						0	0	0	0	0	0
01JBL-2615	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2616	0	0	3	0	0	0	0	0	0	0	0	0	1	0	0	4	0	1	1	2	1
01JBL-2617	0	0	1	0	0	0	0	0	0	0	0	0	4	1	1	1	0	0	0	0	0
01JBL-2618	No Sample	0	0	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2619	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2620	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2621	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2622	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
01JBL-2623	0	1	13	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
01JBL-2624	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2625	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
01JBL-2626	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
01JBL-2635	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-2636	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
01JBL-2637	0	1	5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
01JBL-2638	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2639	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2640	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2641	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
01JBL-2643	0	0	4	0	0	0	0	0	0	0	0	0	2	7	0	0	0	0	3	11	0
01JBL-2644	No Sample	0	0	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2645	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	4	0
01JBL-2646	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-2647	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2648	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
01JBL-2649	0	0	17	0	0	0	0	0	0	0	0	0	1	0	1	4	0	0	0	0	0
01JBL-2651	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2652	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-2658	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0
01JBL-2659	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-2660	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
01JBL-2661	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2668	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-2669	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2670	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1
01JBL-2671	0	2	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
01JBL-2672	0	0	3	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0
01JBL-2673	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2674	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1
01JBL-2675	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
01JBL-2677	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01JBL-2680	0	0	16	0	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0
01JBL-2681	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0
01JBL-2682	No Sample	0	1	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2683	0	2	5	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	1	0
01JBL-2684	0	0	3	0	0	0	0	0	0	1	0	0	6	1	0	2	0	0	11	8	1
01JBL-2685	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	2
01JBL-2686	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	3	1
01JBL-2687	0	0	3	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	5	0
01JBL-2688	0	1	5	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	3	0
01JBL-2689	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
01JBL-2690	0	0	3	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	2	0
01JBL-2691	0	0	6	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
01JBL-2692	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-2693	0	0	9	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	1
01JBL-2694	0	0	2	0	0	0	1	0	0	0	0	0	1	2	0	2	0	0	1	1	0
01JBL-2695	0	0	2	0	0	0	0	0	0	1	0	0	0	2	0	1	0	0	0	50	0
01JBL-2696	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01JBL-2697	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2698	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
01JBL-2699	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2700	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0
01JBL-2701	No Sample	No Sample	0	No Sample						No Sample						0	0	0	0	0	0
01JBL-2702	No Sample	0	3	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2703	No Sample	0	1	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2705	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
01JBL-2706	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2707	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2708	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
01JBL-2709	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2710	0	0	8	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	1	10	0
01JBL-2711	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	2	0
01JBL-2712	0	0	8	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0
01JBL-2713	0	0	2	0	0	0	0	0	0	0	0	0	0	3	0	3	0	1	2	6	0
01JBL-2714	0	0	4	0	0	0	0	0	0	0	0	0	2	1	0	2	0	0	0	1	0
01JBL-2715	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
01JBL-2718	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
01JBL-2723	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
01JBL-2729	0	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
01JBL-2730	0	0	0	0	0	0	0	0	0	0	0	0	12	10	0	3	2	0	16	11	0
01JBL-2731	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
01JBL-2732	0	0	4	0	0	0	0	0	0	0	0	0	8	11	1	5	0	1	10	3	0
01JBL-2733	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2734	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01JBL-2735	No Sample	No Sample	0	No Sample						No Sample						0	0	0	0	0	0
01JBL-2736	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2737	No Sample	0	0	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2738	0	0	10	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0
01JBL-2739	No Sample	0	0	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2740	No Sample	0	0	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2741	0	0	2	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	1	0
01JBL-2742	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
01JBL-2743	0	0	18	0	0	0	0	0	0	0	0	0	5	0	0	8	0	1	20	1	3
01JBL-2744	0	0	5	0	0	0	0	0	1	0	0	0	32	1	0	16	1	2	30	3	1

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-2745	0	0	8	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1	0
01JBL-2746	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	1	4	1
01JBL-2747	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-2755	0	0	4	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	1	0	2
01JBL-2756	No Sample	0	1	No Sample						0	0	0	0	0	0	0	0	0	0	0	1
01JBL-2757	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1
01JBL-2759	0	0	7	0	0	0	0	0	0	0	0	0	2	0	0	3	1	0	3	0	1
01JBL-2760	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0
01JBL-2761	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0
01JBL-2762	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2764	0	0	0	0	0	0	1	0	0	0	0	0	4	2	0	0	[illegible]	0	1	4	0
01JBL-2765	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
01JBL-2768	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2769	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-2770	0	0	1	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	5	20	0
01JBL-2771	0	0	1	0	0	0	0	0	0	0	0	0	6	4	0	0	0	0	0	15	0
01JBL-2772	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	3	0
01JBL-2773	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2774	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
01JBL-2775	0	0	10	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	7	0
01JBL-2776	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3	0
01JBL-2777	No Sample	No Sample	0	No Sample						No Sample						0	0	0	0	0	0
01JBL-2778	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2779	0	0	2	1	0	0	0	0	0	0	0	0	7	7	0	0	0	0	0	150	0
01JBL-2780	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	1	0	0	10	25	0
01JBL-2781	0	0	2	0	0	0	0	0	0	0	0	0	2	2	0	2	0	0	25	25	0
01JBL-2783	No Sample	0	0	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2784	0	0	1	0	0	0	0	0	0	0	0	0	1	2	0	1	0	1	3	3	1
01JBL-2785	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
01JBL-2786	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
01JBL-2787	0	0	3	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	2	0
01JBL-2788	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2789	0	0	2	0	0	0	0	0	0	1	0	0	19	0	3	5	0	1	25	7	6
01JBL-2790	0	0	2	1	0	0	0	0	1	2	0	0	6	0	4	9	4	1	15	1	15
01JBL-2791	0	1	0	0	0	0	6	0	1	3	0	0	30	4	6	14	1	2	70	4	21
01JBL-2792	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	8	1	1	4	2	18
01JBL-2796	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
01JBL-2797	0	0	7	0	0	0	0	0	0	3	0	0	16	2	18	17	1	3	60	1	30
01JBL-2798	0	0	4	0	1	0	3	0	0	1	1	0	14	1	9	16	1	1	75	7	27
01JBL-2801	0	1	6	0	0	0	0	0	1	0	0	0	9	4	1	5	1	1	20	20	1
01JBL-2802	0	0	8	0	0	0	0	0	0	0	0	1	0	0	0	7	1	1	5	2	4
01JBL-2803	0	0	1	0	0	0	0	0	0	0	0	0	0	3	2	3	0	0	0	6	0
01JBL-2804	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	2	0	0	1
01JBL-2805	No Sample	0	2	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2806	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-2807	0	0	2	0	0	0	0	0	0	0	0	0	1	1	0	1	0	3	0	4	0
01JBL-2808	0	0	4	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	1
01JBL-2809	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	1	1
01JBL-2811	No Sample	0	2	No Sample						0	0	0	0	0	1	2	0	1	0	0	0
01JBL-2812	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
01JBL-2813	0	0	1	0	0	0	0	0	0	0	0	0	4	2	0	2	1	1	4	0	0
01JBL-2814	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2815	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2816	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	15	5	1
01JBL-2817	0	0	4	0	0	0	0	0	0	0	0	0	4	6	0	1	0	0	2	1	0
01JBL-2818	0	0	4	0	0	0	1	0	0	4	1	0	6	0	5	8	0	2	35	1	6
01JBL-2819	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1
01JBL-2820	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
01JBL-2821	No Sample	0	3	No Sample						0	0	0	0	0	0	1	0	0	1	0	0
01JBL-2822	0	0	2	0	0	0	2	1	0	0	0	0	9	2	0	1	0	0	80	20	1
01JBL-2825	0	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-2826	No Sample	0	0	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2827	0	0	6	0	0	0	3	0	0	2	0	0	23	6	4	5	0	1	20	11	2
01JBL-2829	0	0	9	0	0	0	0	0	0	0	0	0	1	3	0	1	0	0	1	4	0
01JBL-2830	0	0	3	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	15	0
01JBL-2834	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2835	0	1	2	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	4	2	0
01JBL-2836	0	0	4	0	0	0	0	0	0	0	0	0	10	12	1	2	0	0	20	10	0
01JBL-2839	0	0	6	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0
01JBL-2840	0	0	5	0	0	0	0	0	0	0	0	0	2	4	3	0	0	0	2	12	0
01JBL-2841	0	0	4	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	1	0

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-2844	0	0	3	0	0	0	0	0	0	0	0	0	4	3	0	1	0	0	20	1	1
01JBL-2845	0	0	4	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	3	0	0
01JBL-2846	0	0	5	0	0	0	0	0	0	0	1	0	0	0	6	14	7	2	15	0	5
01JBL-2847	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-2852	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
01JBL-2861	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
01JBL-2875	0	0	6	0	0	0	0	0	1	0	0	0	1	1	0	4	0	1	0	4	0
01JBL-2877	0	0	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0
01JBL-2878	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2880	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0
01JBL-2881	0	0	2	0	0	0	5	0	0	0	0	0	5	1	3	0	0	0	5	5	5
01JBL-2882	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2885	0	1	4	0	0	0	0	0	0	1	0	0	2	3	0	3	0	0	0	3	3
01JBL-2886	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	1	0	0	1	1	0
01JBL-2887	0	0	3	0	0	0	0	0	0	1	0	0	20	7	2	1	0	0	20	8	3
01JBL-2888	0	0	3	1	0	0	1	0	0	0	0	0	7	0	2	0	0	0	0	2	0
01JBL-2890	0	0	3	0	0	0	0	0	0	0	0	0	4	0	4	2	0	0	20	10	2
01JBL-2902	0	1	0	0	0	0	0	0	0	0	0	0	5	0	0	9	0	1	10	2	0
01JBL-2924	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
01JBL-3001	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	12	0
01JBL-3002	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0
01JBL-3003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1
01JBL-3006	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3007	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0
01JBL-3008	0	0	3	0	0	0	1	0	0	1	0	0	3	3	0	0	0	0	0	1	0
01JBL-3009	0	0	8	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	1	4	0
01JBL-3010	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	8	0
01JBL-3011	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3012	0	0	4	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	1	0
01JBL-3017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3019	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
01JBL-3022	0	1	2	0	0	0	0	0	0	0	0	0	6	11	0	2	0	1	0	20	0
01JBL-3024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3054	0	0	4	0	0	0	0	0	0	0	0	0	5	3	0	2	0	0	1	2	0
01JBL-3055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
01JBL-3056	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	10	0
01JBL-3057	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01JBL-3058	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01JBL-3059	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	1	14	0
01JBL-3060	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
01JBL-3061	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	4	0
01JBL-3062	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0
01JBL-3063	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3064	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	15	0
01JBL-3069	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3070	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3071	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	6	0
01JBL-3074	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3077	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3078	0	1	3	0	0	0	0	0	0	1	0	0	1	2	1	1	1	0	2	25	0
01JBL-3079	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3080	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1
01JBL-3081	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-3082	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
01JBL-3083	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
01JBL-3084	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	0
01JBL-3085	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
01JBL-3086	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
01JBL-3087	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
01JBL-3088	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	3
01JBL-3089	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
01JBL-3090***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-3091	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	1	0	0	15	10	1
01JBL-3092	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	2	2	2	0
01JBL-3093****	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	0	0	1	2	0
01JBL-3094	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3095	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
01JBL-3096	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	1
01JBL-3098	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
01JBL-3101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-3102	0	0	1	0	0	0	1	0	0	0	0	0	1	1	0	1	0	0	1	14	0

Sample Number	Selected PseudoKIMs			KIM Count																		
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-3103****	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-3104	0	0	5	1	0	0	2	0	0	0	0	0	2	2	0	1	0	0	10	0	0
01JBL-3105	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	3
01JBL-3106	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-3107	No Sample	0	0	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3108	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
01JBL-3109	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0
01JBL-3110	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	1
01JBL-3111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0
01JBL-3112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1
01JBL-3113	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0
01JBL-3115	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	7	0
01JBL-3116	0	0	2	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	2	4	0
01JBL-3117	0	0	0	0	0	0	0	1	0	0	0	0	10	3	0	1	0	0	2	8	0
01JBL-3118	0	0	6	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	2	12	0
01JBL-3124	0	0	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3125	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	4	0
01JBL-3126	0	0	2	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	2	1	0
01JBL-3128	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	4
01JBL-3129	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3130	0	0	1	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	4	5	0
01JBL-3132	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	0
01JBL-3133	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01JBL-3134	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	10	0
01JBL-3136	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	1	0	0	10	7	0
01JBL-3137	0	0	3	0	0	0	0	0	0	0	0	0	5	1	0	2	0	0	15	1	1
01JBL-3139	0	0	2	0	0	0	0	0	0	0	0	0	2	3	0	1	0	0	0	4	0
01JBL-3140	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-3141	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
01JBL-3142	0	0	0	0	0	0	0	0	0	0	0	0	4	5	0	0	0	0	5	5	1
01JBL-3143	0	0	4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0
01JBL-3144	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01JBL-3145	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	7	0
01JBL-3147	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0
01JBL-3148	0	0	6	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
01JBL-3149	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-3150	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3151	0	0	5	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0
01JBL-3152	0	0	7	0	0	0	1	1	0	0	0	0	1	0	0	1	1	0	5	8	0
01JBL-3153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-3155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0
01JBL-3156	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
01JBL-3157	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-3158	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	4	2	0
01JBL-3159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-3160	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
01JBL-3161	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0	2	0	10	0
01JBL-3162	0	0	2	0	0	0	2	0	0	1	0	0	15	8	0	0	0	1	5	30	0
01JBL-3163	0	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	5	1
01JBL-3164	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	3	0	0	3	5	0
01JBL-3165	0	0	2	0	0	0	0	1	0	0	0	0	2	5	1	0	0	1	1	15	0
01JBL-3166	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-3167	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
01JBL-3168	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0
01JBL-3171	0	0	2	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	3	0
01JBL-3172	0	0	6	0	0	0	0	0	0	0	0	0	6	1	0	0	0	0	14	2	0
01JBL-3173	0	0	8	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	6	3	0
01JBL-3178	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
01JBL-3179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	1
01JBL-3180	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-3182	0	0	2	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	10	4	0
01JBL-3183	0	0	1	0	0	0	0	0	0	0	0	0	6	1	0	1	0	0	15	7	0
01JBL-3185	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0
01JBL-3187	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3189	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	10	1	0
01JBL-3191	0	1	8	0	0	0	0	0	0	0	0	0	6	2	1	2	0	0	15	9	0
01JBL-3193	No Sample	0	3	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3195	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
01JBL-3196	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-3197	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0
01JBL-3198	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
01JBL-3199	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	2	0
01JBL-3200	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
01JBL-3201	0	2	8	0	0	0	0	0	0	0	0	0	5	2	0	1	0	0	20	15	0
01JBL-3202	0	0	6	0	0	0	0	0	0	0	0	0	2	2	0	2	0	1	15	7	0
01JBL-3206	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3212	0	0	6	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	1	0	3
01JBL-3213	0	0	9	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	3	4	1
01JBL-3214	0	0	11	0	0	0	0	0	0	2	0	0	4	4	0	4	1	1	15	50	0
01JBL-3215	0	0	3	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	30	0
01JBL-3217	0	0	5	0	0	0	0	0	0	1	0	0	2	0	1	4	0	0	0	10	1
01JBL-3218	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	10	3
01JBL-3219	0	0	8	0	0	0	0	0	0	0	0	0	1	1	0	3	1	0	8	5	2
01JBL-3220	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	4	6	0
01JBL-3221	0	0	3	0	0	0	0	0	0	0	0	0	5	4	0	0	0	0	10	17	0
01JBL-3222	0	0	2	0	0	0	0	0	0	0	0	0	1	5	0	2	0	0	25	12	1
01JBL-3223	0	0	5	0	0	0	0	0	0	1	0	0	8	2	1	0	0	1	30	30	1
01JBL-3224	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	2	0
01JBL-3225	0	0	7	0	0	0	0	0	0	0	0	0	2	4	2	0	0	0	1	8	0
01JBL-3226	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	1
01JBL-3238	0	1	9	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	2	5	0
01JBL-3253	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	4	7	2
01JBL-3255	0	0	4	0	0	0	3	1	0	1	0	0	10	3	1	3	0	0	3	4	0
01JBL-3256	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	1
01JBL-3257	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	2	0
01JBL-3258	0	0	1	0	0	0	0	0	0	0	0	0	4	4	0	1	0	0	3	17	0
01JBL-3259	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	10	1
01JBL-3260	0	0	1	0	0	0	0	0	0	0	0	0	2	3	0	1	0	0	0	8	0
01JBL-3264	0	1	3	0	0	0	0	0	0	1	0	0	1	1	1	5	1	1	10	20	2
01JBL-3265B	0	1	13	0	0	0	0	0	0	2	0	0	1	0	4	1	0	0	14	0	4
01JBL-3266	0	0	4	0	0	0	0	0	0	0	0	0	2	3	0	1	0	0	20	23	1
01JBL-3270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	2	8	0
01JBL-3271	0	0	3	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	5	7	1
01JBL-3272	No Sample	0	0	No Sample						0	0	0	0	0	0	0	0	0	0	1	0
01JBL-3273	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
01JBL-3291	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	3	1	0
01JBL-3293	0	1	2	0	0	0	0	0	0	0	0	0	1	3	0	3	1	0	1	5	2
01JBL-3296	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	2	3	0
01JBL-3297	0	0	3	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0	10	1
01JBL-3298	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
01JBL-3299	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-3300	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	6	13	0
01JBL-3307	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3308	0	0	5	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	1	6	0
01JBL-3311	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3331	0	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	0
01JBL-3332	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-3333	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3334	0	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0
01JBL-3335	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0
01JBL-3336	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	2	0	0	5	3	0
01JBL-3337	No Sample	0	0	No Sample						0	0	0	0	0	0	0	0	0	0	0	0
01JBL-3339	0	0	1	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	6	0
01JBL-3340	0	0	6	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	16	28	1
01JBL-3341	0	1	3	0	0	0	0	1	0	0	0	0	11	7	1	3	0	0	6	40	0
01JBL-3342	0	0	1	0	0	0	0	0	0	0	0	0	9	9	5	1	0	1	10	12	0
01JBL-3343	0	0	2	0	0	0	0	0	0	2	0	0	11	4	0	0	0	0	12	11	0
01JBL-3344	0	0	2	0	0	0	0	0	0	0	0	0	3	3	0	1	0	0	1	15	1
01JBL-3345	0	1	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	9	0
01JBL-3346	0	0	3	0	0	0	2	0	0	0	0	0	9	7	1	0	0	0	21	23	1
01JBL-3347	0	0	4	0	0	0	3	0	0	0	0	0	11	7	0	1	0	0	30	50	0
01JBL-3348	0	0	3	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	4	10	0
01JBL-3349	0	0	2	0	0	0	2	0	0	0	0	0	14	23	1	1	0	0	30	60	0
01JBL-3350	0	0	0	0	0	0	0	0	0	2	0	0	10	4	0	4	0	0	6	19	0
01JBL-3351	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
01JBL-3368	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0
01JBL-3373	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-3374	0	0	4	0	0	0	0	0	0	0	0	0	8	7	0	2	0	0	30	40	0
01JBL-3375	0	0	4	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	9	0
01JBL-3376	0	0	3	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	5	0	1

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-3377	0	0	2	0	0	0	0	0	0	0	0	0	1	1	1	2	0	3	2	2	1
01JBL-3378	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-3379	0	0	5	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	1	9	0
01JBL-3380	0	0	9	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	10	6	0
01JBL-3381	0	0	0	0	0	0	1	0	0	0	0	0	5	5	0	0	0	0	3	35	0
01JBL-3382	0	0	2	0	0	0	0	1	0	0	0	0	20	38	0	3	0	1	2	60	2
01JBL-3383	0	0	3	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	2	13	2
01JBL-3384	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0
01JBL-3385	0	0	1	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	12	0
01JBL-3386	0	0	8	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	4	11	0
01JBL-3387	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0
01JBL-3388	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	12	0
01JBL-3401	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	10	30	1
01JBL-3402	0	0	4	0	0	0	1	0	0	0	0	0	6	6	0	1	0	0	10	1	0
01JBL-3403	0	0	3	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	0	1
01JBL-3404	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	3	20	1
01JBL-3405	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01JBL-3406	0	0	5	0	0	0	0	1	0	0	0	0	1	1	0	3	0	0	10	20	2
01JBL-5001	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	0	0	10	20	2
01JBL-5002	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	20	0
01JBL-5003	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	700	0
01JBL-5004	0	0	0	0	0	0	0	6	0	2	0	0	0	27	0	0	0	0	0	21	0
01JBL-5005	0	0	1	0	0	0	1	1	0	0	0	0	0	3	0	0	0	0	0	50	0
01JBL-5006	0	0	1	0	0	0	0	0	0	0	0	0	4	12	0	0	0	0	0	40	0
01JBL-5007	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0
01JBL-5008	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0
01JBL-5009	0	0	2	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	50	0
01JBL-5010	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-5011	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-5012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0
01JBL-5013	0	0	7	1	0	0	2	0	3	17	4	3	80	0	120	108	11	31	50	1	700
01JBL-5014	0	0	1	0	0	0	2	0	0	1	0	0	4	0	4	3	1	0	50	0	5
01JBL-5015	0	0	8	0	0	0	0	0	0	0	0	0	0	0	6	5	0	0	1	0	25
01JBL-5016	0	0	3	0	0	0	1	0	1	1	0	0	10	1	4	7	0	3	36	0	5
01JBL-5017	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
01JBL-5018	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-5019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
01JBL-5022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-5023	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
01JBL-5024	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-5025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0
01JBL-5026	0	0	8	0	0	0	0	0	0	0	0	1	0	16	0	0	0	0	0	0	2
01JBL-5027	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-5028	0	0	2	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	7	0	0
01JBL-5029	0	0	0	0	0	0	0	0	0	0	0	0	44	1	2	3	0	1	40	6	3
01JBL-5030	0	0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	3	0
01JBL-5031	0	0	1	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	2	12	1
01JBL-5032	0	0	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	8	0
01JBL-5033	0	0	5	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2	0	1	1
01JBL-5501	0	0	0	0	0	0	0	0	0	0	0	0	5	3	0	2	0	0	1	7	3
01JBL-5502	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	0	0	0	0	0
01JBL-5503	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	1	1	0
01JBL-5504	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-5505	0	0	2	1	0	0	1	0	0	0	0	0	3	2	0	0	0	0	1	3	0
01JBL-5506	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0
01JBL-5507	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-5508	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
01JBL-5509	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-5510	0	0	4	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	7	1
01JBL-5511	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
01JBL-5512	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
01JBL-5513	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-5516	0	0	1	0	0	0	0	0	0	0	0	0	6	5	1	2	0	0	12	30	1
01JBL-5517	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	11	0
01JBL-5518	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	6	12	0
01JBL-5519	0	0	1	0	0	0	0	0	0	0	0	0	4	1	0	5	1	2	15	1	1
01JBL-5520	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-5521	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
01JBL-5522	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-5523	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01JBL-5524	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	0	0	4	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	3	0
														1	4	0	0	0	0	2	0

Sample Number	Selected PseudoKIMs			KIM Count																	
	1.0-2.0 mm	0.5-1.0 mm	0.25-0.5 mm	1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
	Low-Cr diop	Low-Cr diop	Low-Cr diop	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO
01JBL-5525	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0
01JBL-5526	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0
01JBL-5527	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
01JBL-5528	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

APPENDIX D: Summary Counts of Select Metamorphic/Magmatic Massive Sulphide Indicator Minerals.

This appendix represents a simplified list of minerals that have been selected from the MMSIM® results supplied by Overburden Drilling Management Limited (ODM). The grain counts provided represent the total number of grains from the 0.25 to 0.5 mm, 0.5 to 1 mm and 1 to 2 mm heavy mineral fractions. The complete listing as supplied by ODM is provided in MRD 119.

Summary of Abbreviations:

Ars:	Arsenopyrite
Bar:	Barite
Ccp:	Chalcopyrite
Chr:	Chromite
Fluo:	Fluorite
Gal:	Galena
Gahn:	Gahnite
Gth:	Goethite from 0.25-0.5 fraction (<1 amp)
Low Cr-diop:	Low Cr-diopside (from Appendix B)
Mo:	Molybdenite
Pyr:	Pyrite
Ruby Cor:	Ruby Corundum
Sph:	Sphalerite
Spi:	Spinel
Top:	Topaz

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-0001	2	0	0	0	0	0	18000	1	0	0	0	0	0	1	40	0.1
01JBL-0002	1	0	0	0	0	0	0	0	4	0	0	0	0	7	2	0.1
01JBL-0003	1	0	0	0	0	0	150	0	2	0	0	0	1	10	6	0.1
01JBL-0004	2	0	0	0	0	0	10	0	3	0	0	0	0	0	3	0.1
01JBL-0007	3	0	0	1	0	0	20	0	1	0	0	0	1	2	10	0.1
01JBL-0008	2	0	0	0	0	0	10	0	4	0	0	0	0	3	23	0.1
01JBL-0009	3	0	0	1	0	0	700	0	9	0	1	0	0	14	52	0.1
01JBL-0010	10	0	0	0	0	0	150	0	3	0	0	0	0	8	21	0.1
01JBL-0011	3	0	0	0	0	0	7	0	12	0	0	0	0	8	11	0.1
01JBL-0012	8	0	0	0	0	0	400	0	6	2	0	0	0	4	31	0.1
01JBL-0013	2	0	0	1	0	0	200	0	0	0	0	0	0	0	6	0.1
01JBL-0014	1	0	0	0	0	0	150	0	0	0	0	0	0	0	2	0.1
01JBL-0015	3	0	0	0	0	0	1500	0	4	0	5	0	0	9	39	0.1
01JBL-0016	1	0	0	1	0	0	1000	0	0	0	0	0	0	0	18	0.1
01JBL-0017	5	0	0	0	0	0	3	0	2	0	0	0	0	0	10	0.1
01JBL-0028	3	0	0	0	0	0	10	0	1	0	0	0	0	3	6	0.1
01JBL-0029	0	0	0	0	0	0	125	0	4	0	0	0	0	5	4	3
01JBL-0030	0	0	0	0	0	0	80	0	0	0	1	0	0	3	7	0.1
01JBL-0031	0	0	0	0	0	0	5	0	0	0	0	0	0	1	1	0.1
01JBL-0032	1	0	0	0	0	0	0	0	2	0	1	0	0	0	3	0.1
01JBL-0033	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.1
01JBL-0038A	2	0	0	0	0	0	10	0	1	0	0	0	0	25	6	0.1
01JBL-0039	2	0	0	0	0	0	50	0	1	0	0	0	0	11	2	0.1
01JBL-0040	0	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0
01JBL-0041	0	0	0	0	0	0	30	0	0	0	1	0	0	4	9	0.1
01JBL-0042	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0.1
01JBL-0043	2	0	0	0	0	0	450	0	1	0	0	0	0	12	28	0.1
01JBL-0044	2	0	0	0	0	0	200	0	0	1	0	0	0	4	15	0.1
01JBL-0045	0	0	0	0	0	0	15	0	0	0	0	0	0	0	3	0
01JBL-0049	2	0	0	0	0	0	100	0	3	0	0	0	0	10	87	0.1
01JBL-0064	0	0	0	0	0	0	20	0	0	0	0	0	0	2	1	0.1
01JBL-0066	0	0	0	0	0	0	800	0	0	0	0	0	0	2	2	0.1
01JBL-0067	0	0	0	0	0	0	4	0	0	1	2	0	0	2	16	0.1
01JBL-0068	1	0	0	0	0	0	6	0	0	0	0	0	0	2	2	0.1
01JBL-0069	0	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0
01JBL-0070	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
01JBL-0074	2	0	0	0	0	0	0	0	2	0	0	0	0	0	34	0.1
01JBL-0075	4	0	0	0	0	0	0	0	5	0	0	0	0	1	77	0.1
01JBL-0076	6	0	0	0	0	0	10	0	2	0	0	0	0	7	8	0.1
01JBL-0078	0	0	0	1	0	0	40	0	0	0	0	0	0	2	0	0.1
01JBL-0083	4	0	0	1	0	0	20	0	1	1	0	0	0	0	6	2
01JBL-0085	0	0	0	0	0	0	3	0	0	0	0	0	0	1	0	0.1
01JBL-0086	0	0	0	0	0	0	0	0	1	0	0	0	0	8	1	0.1
01JBL-0087	0	0	0	0	0	0	2	0	3	0	0	0	0	0	14	1
01JBL-0088	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0.1
01JBL-0089	0	0	0	0	0	0	0	0	3	0	2	0	0	0	3	0.1
01JBL-0090	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0.1
01JBL-0091	0	0	0	1	0	0	0	0	0	0	0	0	1	5	0	0.5
01JBL-0092	1	0	0	0	0	0	9000	0	0	0	0	0	0	1	2	0.1
01JBL-0093	0	0	0	0	0	0	0	0	3	0	0	0	0	2	3	0.1
01JBL-0094	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0.1
01JBL-0095	0	0	0	0	0	0	150	0	2	0	0	0	0	4	23	0.1
01JBL-0096	3	0	0	2	0	0	0	0	4	2	0	0	0	10	9	0.1
01JBL-0097	4	0	0	0	0	0	40	0	1	0	0	0	0	4	2	0.1
01JBL-0098	1	0	0	0	0	0	15	0	1	0	0	0	0	5	0	0.1
01JBL-0100	0	0	0	1	0	0	10	0	4	0	0	0	0	4	6	2
01JBL-0101	3	0	0	0	0	0	30	0	1	0	0	0	0	0	4	5
01JBL-0102	0	0	0	0	0	0	2	0	1	0	0	0	0	0	1	0.1
01JBL-0103	1	0	0	0	0	0	50	0	1	0	0	0	0	1	0	1
01JBL-0104	0	0	0	0	0	0	5	0	2	0	0	0	2	3	42	1
01JBL-0105	0	0	0	0	0	0	0	0	6	0	1	0	0	5	73	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-0107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.1
01JBL-0108	1	0	0	0	0	0	30	0	3	0	0	0	0	2	61	0.1
01JBL-0109	0	0	0	0	0	0	75	0	0	0	0	0	0	0	262	0.1
01JBL-0110	1	0	0	0	0	0	30	0	6	0	0	0	0	2	454	0.1
01JBL-0111	2	0	0	0	0	0	0	0	3	0	0	0	0	1	16	0.1
01JBL-0115	1	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0.1
01JBL-0116	0	0	0	0	0	0	7	0	1	0	0	0	0	2	1	0.1
01JBL-0117	0	0	0	0	0	0	20	0	0	0	0	0	0	6	13	0.1
01JBL-0118	1	0	0	0	0	0	3	0	0	0	0	0	0	1	0	0.1
01JBL-0119	0	0	0	0	0	0	5	0	0	0	0	0	0	0	60	0.1
01JBL-0120	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1
01JBL-0121	2	0	0	0	0	0	0	0	0	1	0	0	0	1	21	0.1
01JBL-0122	0	0	0	0	0	0	5	0	0	0	1	0	0	2	16	0.1
01JBL-0123	1	0	0	0	0	0	1	0	2	0	0	0	0	0	3	0.1
01JBL-0124	3	0	0	0	0	0	0	0	0	0	0	0	0	2	39	0.1
01JBL-0125	1	0	0	0	0	0	13	0	7	0	0	0	0	4	82	0.1
01JBL-0126	0	0	0	0	0	0	1000	0	3	0	0	0	0	3	156	0.1
01JBL-0127	0	0	0	1	0	0	30	0	5	0	0	0	0	3	229	0.1
01JBL-0128	0	0	1	0	0	0	15	0	7	0	0	0	1	0	106	1
01JBL-0129	0	0	0	0	0	0	5	0	2	0	0	0	0	2	0	0.1
01JBL-0130	1	0	0	1	0	0	10	0	1	0	0	0	0	0	7	1
01JBL-0131	0	0	0	0	0	0	80	0	2	0	0	0	0	3	104	0.1
01JBL-0132	1	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0.1
01JBL-0133	0	1	0	0	0	0	13	0	2	0	0	0	0	3	4	0.1
01JBL-0134	4	0	0	0	0	0	4	0	2	1	0	0	0	2	1	0.1
01JBL-0135	4	0	0	0	0	0	7	0	4	1	0	0	0	7	4	0.1
01JBL-0136	2	0	0	0	0	0	30	0	0	0	1	0	1	1	6	0.1
01JBL-0137	3	0	0	0	0	0	3	0	6	0	1	0	0	5	4	0.1
01JBL-0138	2	0	0	1	0	0	15	0	3	1	0	0	0	3	29	0.1
01JBL-0139	2	0	0	0	0	0	8	0	1	0	0	0	0	0	0	0.1
01JBL-0140	1	0	0	1	0	0	1500	0	1	0	0	0	0	0	0	0.1
01JBL-0141	0	0	0	0	0	0	20	0	7	0	0	0	0	6	3	0.1
01JBL-0144	3	1	0	0	0	0	?	0	3	0	0	0	0	6	57	0.1
01JBL-0145	1	0	0	0	0	0	20	0	2	0	1	0	0	5	0	0.1
01JBL-0146	3	0	0	0	0	0	80	0	3	0	0	0	0	0	93	0.1
01JBL-0147	0	0	0	0	0	0	40	0	1	0	0	0	0	7	13	0.1
01JBL-0148B	2	0	0	0	0	0	0.5	0	2	0	0	0	0	0	102	0.1
01JBL-0153	1	0	0	0	0	0	3	0	0	0	0	0	0	0	1	0.1
01JBL-0154	2	0	0	0	0	0	50	0	2	0	0	0	0	6	21	0.1
01JBL-0155	3	0	0	1	0	0	3	0	12	1	0	0	1	5	25	0.1
01JBL-0157	2	0	0	0	0	0	60	0	1	0	0	0	0	0	4	0.1
01JBL-0158	1	0	0	0	0	0	1000	0	3	0	0	0	0	4	0	0.1
01JBL-0159	3	0	0	0	0	0	300	0	0	1	0	0	0	2	8	0.1
01JBL-0160	2	0	0	0	0	0	25	2	4	1	9	0	0	14	11	0.1
01JBL-0161	3	0	0	0	0	0	2000	0	0	0	0	0	0	1	0	0.1
01JBL-0162	1	0	0	0	0	0	400	0	1	2	0	0	0	3	2	0.1
01JBL-0163	2	0	0	0	0	0	80	0	5	0	0	0	0	4	20	0.1
01JBL-0164	1	0	0	0	0	0	50	0	1	0	0	0	0	3	0	0
01JBL-0177	1	0	0	0	0	0	20	0	1	0	1	0	0	5	2	3
01JBL-0178	6	0	0	2	0	0	0	0	2	0	0	0	1	11	2	0.1
01JBL-0187	2	0	0	0	0	0	2	0	2	0	0	0	0	4	0	0
01JBL-0188	1	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0.1
01JBL-0190	2	0	0	0	0	0	0	0	0	0	1	0	0	2	1	2
01JBL-0191	0	0	0	0	0	0	5	0	7	3	0	0	0	1	25	0.1
01JBL-0192	0	0	0	0	0	0	2	0	2	1	0	0	0	8	4	0.1
01JBL-0193	0	0	0	0	0	0	15	0	1	0	0	0	0	1	6	0.1
01JBL-0214	8	4	0	0	0	0	1	0	0	1	0	0	1	0	3	0.1
01JBL-0215	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.1
01JBL-0216	0	0	0	0	0	0	15	0	0	0	0	0	0	0	1	0.1
01JBL-0226	1	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0.1
01JBL-0227	1	0	0	0	0	0	250	0	1	0	0	0	1	4	26	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-0228	4	0	0	0	0	0	30	0	0	0	0	0	0	4	7	0.1
01JBL-0229	3	15	0	0	0	0	30	8	3	0	0	0	1	3	18	0.1
01JBL-0239	5	0	0	0	0	0	30	0	2	0	0	0	0	5	11	0.1
01JBL-0240	4	0	0	0	0	0	75	0	0	0	0	0	0	2	1	0
01JBL-0241	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.5
01JBL-0242	7	0	0	1	0	0	500	0	0	0	0	0	0	1	2	0.1
01JBL-0243	0	0	0	0	0	0	8	0	0	0	0	0	0	1	7	0.1
01JBL-0244	1	0	0	0	0	0	100	0	2	0	0	0	0	4	2	0.1
01JBL-0245	3	0	0	0	0	0	150	0	0	3	0	0	2	2	5	0.1
01JBL-0246	0	0	0	0	0	0	13	0	4	2	0	0	0	4	4	1
01JBL-0247	10	0	0	0	0	0	15	0	0	0	0	0	0	0	7	1
01JBL-0248	8	0	0	0	0	0	5	0	0	0	0	0	0	0	3	1
01JBL-0249	2	0	0	0	0	0	25	0	0	0	0	0	0	1	1	5
01JBL-0250	3	0	0	0	0	0	15	0	4	0	0	0	0	4	25	3
01JBL-0251	5	0	0	1	0	0	25	0	2	0	0	0	0	4	3	0.1
01JBL-0252B	2	0	0	0	0	0	20	0	0	0	0	0	0	3	5	0.1
01JBL-0253	0	0	0	0	0	0	10	0	0	0	1	0	0	2	22	0.1
01JBL-0254	2	0	0	0	0	0	50	0	0	0	0	0	0	0	4	0.1
01JBL-0255	3	0	0	0	0	0	3	0	0	0	0	0	0	4	0	0.1
01JBL-0256	4	0	0	0	0	0	350	0	0	0	0	0	0	0	4	0.1
01JBL-0257	2	0	0	0	0	0	13	0	1	0	0	0	0	0	0	0.1
01JBL-0259	1	1	0	0	0	0	40	0	0	0	0	0	0	2	0	0.1
01JBL-0260	0	0	0	0	0	0	5	0	0	0	0	0	0	0	3	0.1
01JBL-0267	5	1	0	0	0	0	6	0	0	0	0	0	0	1	1	20
01JBL-0268	6	5	0	0	0	0	5	0	0	0	0	0	0	6	0	0.1
01JBL-0269	1	0	0	0	0	0	20	0	0	0	0	0	0	2	15	0.1
01JBL-0272	1	0	0	0	0	0	20	0	0	0	0	0	0	0	2	5
01JBL-0273	3	0	0	0	0	0	30	0	2	0	0	0	0	2	3	1
01JBL-0274	14	0	1	0	0	0	1000	0	1	0	0	0	1	2	6	0.1
01JBL-0275	1	0	0	0	0	0	7	0	0	0	0	0	0	1	0	0.1
01JBL-0276	1	0	0	0	0	0	4500	0	0	0	0	0	0	1	2	0.1
01JBL-0277	2	0	0	0	0	0	5	0	0	0	0	0	0	1	0	5
01JBL-0278	3	2	0	0	0	0	30	0	1	0	0	0	0	1	3	0.1
01JBL-0290	0	0	0	0	0	0	100	0	0	0	0	0	0	0	8	1
01JBL-0291	1	0	0	0	0	0	80	0	0	0	0	0	0	4	0	0.1
01JBL-0292	6	0	0	0	0	0	25	0	1	0	0	0	0	7	7	0.1
01JBL-0293	2	0	0	0	0	0	300	0	0	0	0	0	0	1	3	0.1
01JBL-0294	2	0	0	0	0	0	40	0	1	0	0	0	0	0	3	0.1
01JBL-0295	4	1	0	0	0	0	25	0	4	0	0	0	0	3	4	0.1
01JBL-0296	3	1	0	0	0	0	3000	0	0	1	0	0	0	0	4	8
01JBL-0297	2	0	0	1	0	0	20	0	0	0	0	0	0	1	2	2
01JBL-0298	4	1	0	0	0	0	1000	0	1	0	0	0	0	0	1	1
01JBL-0299	13	2	0	0	0	0	30	0	0	0	0	0	0	0	0	5
01JBL-0300	3	0	0	0	0	0	150	0	0	0	0	0	0	2	0	0.5
01JBL-0318	0	1	0	0	0	0	200	0	1	0	0	0	0	0	0	0.1
01JBL-0321	3	2	0	0	0	0	30	0	0	0	0	0	0	1	0	0.1
01JBL-0322	1	3	0	0	0	0	20	0	0	0	0	0	0	4	0	0.1
01JBL-0326	0	0	0	0	0	0	150	0	0	0	0	0	0	0	6	0.1
01JBL-0327	3	11	0	0	0	0	1000	0	1	0	0	0	1	1	0	0.1
01JBL-0333	4	0	0	0	0	0	150	0	0	0	0	0	0	0	0	0.1
01JBL-0334	5	0	0	0	0	0	400	0	0	0	0	0	1	1	0	1
01JBL-0336	8	64	0	0	0	0	1500	0	0	0	0	0	0	4	18	0.1
01JBL-0337	0	0	0	0	0	0	150	0	0	0	0	0	2	2	11	0.1
01JBL-0338	2	4	0	0	0	0	1000	0	1	0	0	0	1	0	11	2
01JBL-0339	11	5	0	0	0	0	1000	3	1	1	0	0	1	8	7	0.1
01JBL-0340	1	0	0	0	0	0	1000	0	0	1	0	0	1	3	2	0.1
01JBL-0341	7	4	1	1	0	0	1500	0	2	0	0	0	1	5	7	2
01JBL-0342	4	0	0	0	0	0	1200	0	1	0	0	0	4	4	6	0.1
01JBL-0343	0	0	0	0	0	0	1000	0	0	0	0	0	0	2	6	0.1
01JBL-0345	2	0	0	1	0	1	500	0	0	0	0	0	0	0	6	0.1
01JBL-0346	5	0	0	0	0	0	250	1	2	0	0	0	0	8	9	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-0347	1	0	0	0	0	0	400	0	1	0	0	0	2	2	11	1
01JBL-0348	3	1	0	0	0	0	500	0	0	0	0	0	0	1	0	0.1
01JBL-0349	3	2	0	0	0	0	750	0	0	0	0	0	0	1	3	0.1
01JBL-0350A	3	1	0	0	0	0	200	0	2	0	0	0	0	1	30	1
01JBL-0351	10	12	0	0	0	0	250	9	1	0	0	0	2	6	20	0.1
01JBL-0352	6	2	0	1	0	1	1300	0	1	0	1	0	2	2	41	0.1
01JBL-0353	2	2	0	0	0	0	600	52	1	2	0	0	3	4	18	0.1
01JBL-0354	1	0	0	0	0	1	2500	0	0	0	0	0	0	0	11	0.1
01JBL-0355	13	1	0	0	0	0	3000	0	1	0	0	0	2	4	2	1
01JBL-0356	19	25	0	0	0	0	250	108	1	0	0	0	0	6	160	0.1
01JBL-0357	8	0	0	0	0	0	300	1	0	2	0	0	1	6	59	0.1
01JBL-0358	2	0	0	0	0	0	3000	0	1	0	0	0	0	0	9	0.1
01JBL-0359	2	3	0	0	0	0	2500	0	0	0	0	0	0	2	2	0.1
01JBL-0360	7	10	0	0	0	0	7000	0	0	0	0	0	1	2	12	1
01JBL-0361	3	9	0	0	0	0	300	0	0	0	0	0	0	2	8	0.1
01JBL-0363	2	9	0	1	0	0	500	0	2	0	0	0	0	2	17	0.5
01JBL-0366	19	3	0	0	0	0	600	1	1	0	0	0	1	2	24	0.1
01JBL-0367	8	0	0	0	0	0	150	1	0	0	0	0	0	4	18	0.1
01JBL-0368	11	1	0	0	0	0	1500	1	0	0	0	0	0	3	58	5
01JBL-0369	4	0	0	0	0	0	4000	13	1	0	0	0	0	5	30	0.1
01JBL-0373	3	0	0	0	0	1	1000	0	0	0	0	0	0	4	5	0.1
01JBL-0374	0	0	0	0	0	0	1000	0	0	0	0	0	0	4	5	0
01JBL-0375	24	0	0	0	0	0	60	1	2	0	0	0	0	1	0	0.1
01JBL-0376	0	0	0	0	0	0	3	0	1	0	0	0	0	0	1	0.1
01JBL-0378	1	0	0	0	0	0	350	0	2	0	1	0	0	0	7	0.1
01JBL-0379	2	1	0	0	0	0	20	0	1	0	0	0	0	0	15	2
01JBL-0380	6	2	0	0	0	0	50	1	1	0	0	0	0	11	1	0.1
01JBL-0381	1	0	0	1	0	0	50	0	0	0	0	0	0	0	0	0.1
01JBL-0382	0	0	0	0	0	0	20	2	0	0	0	0	0	0	6	0.1
01JBL-0383	10	0	0	0	0	0	30	0	2	1	0	0	0	2	0	0.1
01JBL-0384	1	0	0	0	0	0	400	0	0	0	0	0	0	0	1	0.1
01JBL-0386	1	0	0	0	0	0	30	0	1	0	0	0	0	1	4	1
01JBL-0387	1	0	0	1	0	0	500	0	1	0	0	0	0	1	2	0.1
01JBL-0388	1	0	0	0	0	0	15	0	0	0	0	0	0	0	2	0.1
01JBL-0389	6	2	0	0	0	0	2000	4	0	0	0	0	0	2	0	3
01JBL-0395	3	2	0	0	0	0	450	0	0	0	0	0	1	1	0	5
01JBL-0396	1	0	0	0	0	0	0	0	1	0	0	0	0	1	2	2
01JBL-0397	14	40	0	0	0	0	30	0	2	0	0	0	0	2	4	5
01JBL-0398	8	0	0	0	0	0	3	0	1	0	0	0	0	3	0	0.5
01JBL-0399	1	2	0	0	0	0	50	0	0	0	0	0	0	4	0	3
01JBL-0400	1	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0.1
01JBL-0401	1	0	0	1	0	0	7	0	0	0	0	0	0	0	0	1
01JBL-0402	4	0	0	0	0	0	20	0	0	0	0	0	0	0	13	0.1
01JBL-0403	0	0	0	0	0	0	30	0	1	0	0	0	0	2	0	2
01JBL-0404	1	3	1	0	0	0	1200	0	4	1	2	0	0	7	5	0.1
01JBL-0405	10	1	0	0	0	0	5	0	1	0	0	0	0	3	5	0.1
01JBL-0406	3	1	0	0	0	0	60	0	0	0	0	0	0	0	0	0.1
01JBL-0417	4	5	0	0	0	0	50	0	0	0	0	0	0	1	2	0.1
01JBL-0418	0	0	0	0	0	0	12000	0	0	0	0	0	0	0	2	0.1
01JBL-0419	1	0	0	0	0	0	1300	0	0	0	0	0	0	5	2	0.1
01JBL-0420	0	0	0	1	0	0	600	0	1	0	0	0	0	0	3	0.1
01JBL-0422	0	0	0	0	0	0	200	2	0	0	0	0	0	0	12	0.1
01JBL-0423	0	0	0	0	0	0	350	0	0	0	0	0	0	2	18	0.5
01JBL-0424	0	0	0	0	0	0	300	0	0	0	0	0	0	0	3	0.1
01JBL-0425	0	0	0	0	0	0	200	0	0	0	0	0	0	1	19	0.1
01JBL-0426	1	1	0	0	0	0	400	0	1	0	0	0	0	1	4	0.1
01JBL-0427	1	0	0	0	0	0	2000	0	2	0	0	0	0	3	4	0.1
01JBL-0428	0	0	0	0	0	0	15	0	0	0	0	0	0	2	1	0.1
01JBL-0429	2	0	0	0	0	0	100	0	0	0	0	0	0	2	4	0.1
01JBL-0431	2	2	0	0	0	0	10	0	1	0	0	0	0	3	12	0.1
01JBL-0432	1	0	0	0	0	0	400	0	4	0	0	0	0	5	2	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-0433	0	0	0	0	0	0	40	0	3	0	0	0	0	1	5	0.1
01JBL-0434	1	0	0	0	0	0	2	0	0	0	0	0	0	0	5	0.1
01JBL-0435	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0.5
01JBL-0437	0	0	0	1	0	0	150	0	2	0	0	0	0	3	26	1
01JBL-0438	0	0	0	0	0	0	30	0	0	0	0	0	0	0	5	10
01JBL-0439	0	0	0	0	0	0	3	0	0	0	0	0	0	0	4	0.1
01JBL-0442	0	0	1	0	0	0	0	0	2	0	0	0	0	6	2	0.1
01JBL-0447	2	0	0	0	0	0	4	0	1	0	0	0	0	1	4	0.1
01JBL-0448	1	0	0	0	0	0	20	0	2	0	0	0	0	0	5	0.1
01JBL-0449	3	0	0	0	0	0	20	0	2	2	0	0	0	8	11	1
01JBL-0450	0	0	0	0	0	0	0	0	2	0	0	0	0	2	4	0.1
01JBL-0451	0	0	0	0	0	0	80	0	3	0	0	0	0	3	2	0.1
01JBL-0452	5	0	0	0	0	0	7	0	0	1	0	0	0	1	3	0.1
01JBL-0453	3	0	1	0	0	0	30	0	16	0	0	0	0	5	62	0.1
01JBL-0454	4	0	0	0	0	0	15	0	1	1	0	0	0	6	0	0.1
01JBL-0455	2	0	1	0	0	0	15	0	2	0	0	0	0	0	14	0.1
01JBL-0456	0	0	0	0	0	0	11	0	0	0	0	0	0	0	17	0.1
01JBL-0457	0	0	0	0	0	0	30	0	0	0	0	0	0	0	1	0.1
01JBL-0458	4	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0.1
01JBL-0459	0	0	0	0	0	0	200	0	4	1	1	0	0	0	40	0.1
01JBL-0461	1	0	0	0	0	0	400	0	1	0	0	0	0	1	71	0.1
01JBL-0462	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0.5
01JBL-0463	0	0	0	0	0	0	5	0	0	0	0	0	0	0	1	0.1
01JBL-0464	0	0	0	0	0	0	3	0	0	0	0	0	0	1	3	0.1
01JBL-0465	0	0	0	0	0	0	0	0	0	2	0	0	0	0	8	0.1
01JBL-0466	12	0	0	0	0	0	0	0	1	0	0	0	0	1	9	0.1
01JBL-0480	0	0	0	0	0	0	20	0	1	0	0	0	0	2	5	0.1
01JBL-0481	3	1	0	0	0	0	1000	0	14	0	1	0	0	11	49	0.1
01JBL-0482	3	0	0	0	0	0	0	0	5	0	0	0	0	0	33	0.1
01JBL-0484	0	0	0	0	0	0	30	0	10	0	0	0	0	4	50	0.1
01JBL-0485	3	0	0	2	0	0	75	0	13	2	0	0	0	0	30	0.1
01JBL-0486	2	0	0	0	0	0	3	0	1	0	0	0	0	2	28	0.1
01JBL-0487	1	0	0	0	0	0	20	0	0	0	0	0	0	3	0	0.1
01JBL-0488	5	0	0	0	0	0	15	0	1	0	2	0	0	2	21	2
01JBL-0489	5	0	0	0	0	0	20	0	0	0	0	0	0	1	3	0.1
01JBL-0490	1	0	0	0	0	0	300	0	4	0	0	0	0	1	32	0.1
01JBL-0491	0	0	0	0	0	0	20	0	0	0	0	0	0	1	23	0.1
01JBL-0494	2	0	0	0	0	0	0	0	0	0	1	0	0	1	27	2
01JBL-0496	5	0	0	0	0	0	0	0	0	0	0	0	0	1	20	0.1
01JBL-0498	2	0	0	0	0	0	50	0	1	0	0	0	0	1	7	0.1
01JBL-0499	3	0	0	0	0	0	40	0	0	1	0	0	0	0	14	0.1
01JBL-0500	1	0	0	0	0	0	3	0	2	0	0	0	0	4	13	0.1
01JBL-0501	1	0	0	0	0	0	300	0	0	0	0	0	0	1	0	0.1
01JBL-0502	1	0	0	0	0	0	50	1	5	0	0	0	0	0	7	0.1
01JBL-0503	1	0	0	0	0	0	30	0	1	0	0	0	0	2	5	0.1
01JBL-0504	1	0	0	0	0	0	10	0	2	0	0	0	0	2	0	0.1
01JBL-0505	2	0	0	0	0	0	5	0	3	0	0	0	0	4	27	0.1
01JBL-0506	0	1	0	0	0	0	20	0	0	0	0	0	0	1	5	0.1
01JBL-0507	11	0	1	0	0	0	0	0	3	0	0	0	0	4	30	0.1
01JBL-0508	5	0	0	0	0	0	2	0	1	0	0	0	0	0	13	0.1
01JBL-0509	2	0	0	0	0	0	20	0	0	0	0	0	0	0	8	0.1
01JBL-0510	1	0	0	0	0	0	40	0	0	0	0	0	0	0	0	20
01JBL-0511	3	0	0	0	0	0	20	0	2	0	0	0	0	2	44	0.1
01JBL-0512	7	0	1	0	0	0	0	0	3	0	0	0	1	0	61	1
01JBL-0513	1	0	0	0	0	0	20	0	3	0	0	0	0	3	7	0.1
01JBL-0514	4	0	0	0	0	0	25	0	0	0	0	0	1	1	3	0.1
01JBL-0518	5	0	0	0	0	0	40	0	5	0	0	0	0	6	23	0.1
01JBL-0519	7	0	0	0	0	0	4	0	0	0	0	0	0	5	28	0.1
01JBL-0520	0	0	0	0	0	0	150	0	1	0	0	0	0	1	28	0.1
01JBL-0521	3	1	0	0	0	0	400	0	1	2	0	0	0	3	43	0.1
01JBL-0522	0	1	0	0	0	0	5	0	2	0	0	0	0	7	15	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-0523	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0.1
01JBL-0524	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
01JBL-0535	3	0	0	0	0	0	0	0	1	0	0	0	0	1	16	0.1
01JBL-0537	1	0	0	0	0	0	0	0	1	0	0	0	0	1	4	1
01JBL-0549	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0.1
01JBL-0550	2	0	0	0	0	0	25	0	1	0	0	0	0	0	0	0.1
01JBL-0551	12	1	0	1	1	0	1	0	4	0	0	0	0	2	18	0.1
01JBL-0552	2	0	0	1	0	0	750	0	1	0	0	0	1	3	2	0
01JBL-0553	1	0	0	0	0	0	18000	0	3	0	2	0	0	2	2	0.1
01JBL-0554	1	0	0	0	0	0	20	0	0	0	0	0	2	3	8	0.1
01JBL-0555	8	0	0	0	0	0	40	0	3	0	0	0	0	5	0	0.1
01JBL-0556	0	1	0	0	0	0	500	0	0	0	0	0	0	0	0	0.1
01JBL-0557	1	0	0	0	0	0	20	0	0	0	0	0	0	2	0	0.1
01JBL-0558	3	2	0	0	0	0	0	0	3	2	0	0	0	2	0	0.1
01JBL-0559	3	0	0	0	0	0	4	0	3	0	0	0	0	9	2	0.1
01JBL-0560	1	1	0	0	0	0	0	0	0	0	0	0	0	1	7	0.1
01JBL-0561	0	0	0	0	0	0	3	0	0	0	0	0	0	2	9	0.1
01JBL-0562	1	0	0	0	0	0	5	0	1	0	0	0	0	2	1	0.1
01JBL-0563	4	1	0	0	0	0	0	0	5	0	1	0	0	0	4	0.1
01JBL-0564	0	0	0	0	0	0	4	0	2	1	0	0	0	0	1	0.1
01JBL-0575	1	0	0	0	0	0	3	0	1	0	0	0	0	1	4	3
01JBL-0576	0	1	0	0	0	0	20	0	1	0	0	0	0	3	0	0.1
01JBL-0577	12	1	0	1	0	0	0	0	2	0	0	0	0	0	9	0.1
01JBL-0578	1	0	0	0	0	0	0	0	1	0	0	0	0	1	2	0.1
01JBL-0579	0	0	0	0	0	0	100	0	0	0	0	0	0	0	4	0.1
01JBL-0580	1	0	0	0	0	0	4	0	4	0	0	0	0	9	4	0.1
01JBL-0581	1	0	0	0	0	0	3	0	1	0	0	0	0	0	12	0.1
01JBL-0597	3	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0.1
01JBL-0598	16	0	0	1	0	0	60	0	4	0	0	0	1	1	28	0.1
01JBL-0599	1	0	1	0	0	0	3	0	0	0	0	0	0	2	7	0.1
01JBL-0604	0	0	0	0	0	0	50	0	1	0	0	0	0	1	8	0.1
01JBL-0605	2	0	0	0	0	0	1	0	0	0	0	0	0	0	21	0.1
01JBL-0606	1	0	0	0	0	0	0	0	3	0	0	0	0	0	27	0.1
01JBL-0607	1	0	0	0	0	0	5	0	0	0	0	0	0	1	2	5
01JBL-0611	4	0	0	0	0	0	50	0	2	1	0	0	0	0	35	0.5
01JBL-0612	1	0	0	0	0	0	0	0	1	0	0	0	0	6	2	0.1
01JBL-0613	3	0	0	0	0	0	10	0	0	0	0	0	0	4	6	0.1
01JBL-0614	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0.1
01JBL-0615	7	0	0	0	0	0	100	0	2	0	0	0	0	9	10	2
01JBL-0616	14	2	0	0	0	0	0	0	7	0	0	0	0	5	28	0.1
01JBL-0617	3	0	0	0	0	0	11	0	0	0	0	0	0	1	33	1
01JBL-0618	5	0	0	0	0	0	80	0	4	0	0	0	0	2	64	0.1
01JBL-0619	2	0	1	0	0	0	0	0	2	0	0	0	0	4	18	2
01JBL-0620	1	0	0	0	0	0	50	0	3	0	0	0	0	2	0	0.1
01JBL-0621	2	0	0	0	0	0	1	0	1	0	0	0	0	1	11	0.1
01JBL-0622	1	0	0	0	0	0	1	0	2	0	0	0	0	2	75	0.1
01JBL-0623	2	0	2	0	0	0	1500	0	14	0	0	0	0	6	12	0.1
01JBL-0624	6	0	0	0	0	0	500	0	0	0	0	0	0	0	24	0.1
01JBL-0625	5	0	0	0	0	0	1000	0	0	0	0	0	0	2	3	0.1
01JBL-0626	9	0	0	0	0	0	4000	0	4	0	0	0	0	2	25	0.1
01JBL-0627	15	2	0	2	0	0	30	0	11	2	1	0	0	5	37	0.1
01JBL-0630	2	0	0	0	0	0	100	0	3	0	0	0	0	5	10	0.1
01JBL-0635	2	0	0	0	0	0	20	0	0	0	1	0	0	1	20	0.1
01JBL-0648	0	0	0	0	0	0	100	0	0	0	1	0	0	2	6	0.1
01JBL-0649	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0.1
01JBL-0650	2	0	0	0	1	0	4	0	0	0	0	1	0	4	0	0.1
01JBL-0652	7	0	0	0	0	0	15	0	1	0	0	0	0	0	2	0.1
01JBL-0653	2	4	0	0	0	0	50	0	1	0	0	0	0	0	27	0.1
01JBL-0654	3	1	0	0	0	0	300	0	1	0	0	0	0	1	2	0.1
01JBL-0655	10	0	0	1	0	0	5	0	0	0	0	0	0	0	5	0.1
01JBL-0656	0	0	0	0	0	0	15	0	1	0	1	0	0	4	1	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-0657	4	1	0	0	0	0	350	0	0	0	0	0	0	1	10	0.1
01JBL-0658	3	0	0	0	0	0	3	0	0	0	1	0	0	2	3	0.1
01JBL-0659	13	0	0	0	0	0	20	0	1	1	0	0	3	1	1	4
01JBL-0660	0	0	0	0	0	0	200	0	1	0	0	0	0	1	2	0.1
01JBL-0669	0	0	0	0	0	0	350	0	0	0	0	0	0	0	4	0.1
01JBL-0670	11	0	1	0	0	0	0	0	1	2	0	0	0	3	2	0.1
01JBL-0671	1	0	0	0	0	0	0	0	0	0	0	0	0	4	3	0.1
01JBL-0672	5	0	0	0	0	0	20	0	2	0	0	0	0	0	0	0.1
01JBL-0673	4	0	0	0	0	0	1	0	1	0	0	0	0	1	1	0.1
01JBL-0674	3	0	0	0	0	0	200	0	1	0	0	0	0	1	6	0.1
01JBL-0675	9	1	0	0	2	2	6	0	1	0	0	0	0	7	2	0.1
01JBL-0676	2	1	0	0	0	0	400	0	3	0	0	0	0	2	35	0.1
01JBL-0677	3	0	1	1	0	0	500	0	2	0	0	0	1	0	1	0.1
01JBL-0678	5	0	0	0	0	0	400	0	2	0	0	0	0	2	1	0.1
01JBL-0679	12	2	0	0	0	0	4	0	2	0	0	0	0	1	2	0.1
01JBL-0680	9	0	0	0	0	0	20	0	2	0	0	0	0	1	11	0.1
01JBL-0681	1	0	0	0	0	0	30	0	2	0	0	0	0	9	1	0.1
01JBL-0682	1	0	0	0	0	0	20	0	1	0	1	0	0	3	8	0.1
01JBL-0683	14	0	0	0	0	0	20	0	1	0	0	0	0	2	24	0.1
01JBL-0684	3	0	0	0	0	0	3	0	1	0	0	0	0	5	2	0.1
01JBL-0685	8	0	0	0	0	0	400	0	0	0	0	0	0	2	1	0.1
01JBL-0686	11	1	0	0	1	0	1	0	1	1	0	0	0	0	21	1
01JBL-0687	2	0	0	0	0	0	25	0	0	0	0	0	0	4	0	0.1
01JBL-0688	1	0	0	0	0	0	800	0	2	0	0	0	0	0	3	0.1
01JBL-0689	4	0	0	0	0	0	15	0	6	0	0	0	0	3	4	0.1
01JBL-0690	2	3	0	0	0	0	5	0	0	0	0	0	0	3	4	0.1
01JBL-0691	2	0	0	0	0	0	30	0	0	0	0	0	0	1	2	0.5
01JBL-0717	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0.1
01JBL-0718	15	0	0	0	0	0	20	0	1	0	0	0	3	1	55	0.1
01JBL-0719	8	0	0	0	0	0	0	0	0	0	0	0	3	0	28	0.1
01JBL-0720	2	0	0	0	0	0	5	0	2	0	0	0	0	0	1	0.1
01JBL-0834	1	0	0	0	0	0	50	0	0	0	0	0	0	2	0	0.1
01JBL-0840	3	0	0	0	0	0	3	0	3	0	0	0	0	1	8	1
01JBL-0841	0	0	0	0	0	0	0	0	6	0	4	0	0	2	12	0.1
01JBL-0842	0	0	0	0	0	0	8	0	0	0	0	0	0	1	2	0.1
01JBL-0844	0	0	0	0	0	0	5	0	3	0	0	0	0	2	8	0.1
01JBL-0845	4	0	0	0	0	0	0	0	1	0	1	0	0	1	35	2
01JBL-0846	3	0	0	0	0	0	4	1	2	0	0	0	0	2	36	0.5
01JBL-0847	3	0	0	0	0	0	30	0	0	0	0	0	0	2	24	0.1
01JBL-0848	0	0	0	0	0	0	50	1	0	0	1	0	0	0	4	1
01JBL-0849	2	0	0	0	0	0	150	0	1	0	0	0	0	5	5	0.1
01JBL-0850	5	0	0	0	0	0	20	0	7	1	0	0	0	9	21	0.5
01JBL-0851	1	0	0	0	0	0	1200	0	0	0	0	0	0	1	1	2
01JBL-0852	7	1	0	0	0	0	3	0	4	0	0	0	0	1	67	1
01JBL-0853	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.1
01JBL-0854	3	0	1	0	0	0	50	0	0	0	0	0	0	1	12	0.1
01JBL-0855	7	0	0	0	0	0	30	0	3	0	0	0	0	2	534	0.1
01JBL-0856	0	0	0	0	0	0	800	0	1	2	0	0	0	2	16	0.1
01JBL-0857	5	0	0	0	0	0	60	0	1	0	0	0	0	0	106	0.1
01JBL-0858	0	0	0	0	0	0	100	0	1	0	0	0	0	0	31	0
01JBL-0860	2	0	0	1	0	0	3	0	0	1	0	0	0	2	316	0.1
01JBL-0861	0	0	0	0	0	0	300	0	2	1	0	0	0	4	51	0.1
01JBL-0862	2	0	0	0	0	0	20	0	3	0	0	0	0	5	30	0.1
01JBL-0864	0	0	0	0	0	0	6	0	0	0	0	0	0	0	1	0.1
01JBL-0865	4	0	0	0	0	0	20	0	2	0	0	0	0	7	101	0.1
01JBL-0878	3	0	1	0	0	0	0	0	0	0	0	0	0	3	2	0.1
01JBL-0880	7	0	0	0	0	0	100	0	2	0	0	0	0	0	21	0.1
01JBL-0881	2	0	0	0	0	0	500	0	3	0	2	0	0	8	8	0.1
01JBL-0882	4	0	0	2	0	0	300	0	2	0	0	0	0	3	64	0.1
01JBL-0883	2	0	0	0	0	0	100	0	4	0	6	0	1	2	255	0.1
01JBL-0884	3	0	1	0	0	0	15	0	0	0	0	0	0	6	23	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-0885	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.1
01JBL-0886	2	0	0	0	0	0	60	0	6	0	0	0	0	0	50	0.1
01JBL-0887	6	0	1	0	0	0	5	0	2	0	3	0	0	1	30	0.1
01JBL-0888	2	0	0	0	0	0	5	0	7	1	0	0	0	5	19	0.1
01JBL-0889	0	0	0	0	0	0	15	0	2	0	0	0	0	0	46	0.1
01JBL-0891	1	0	0	0	0	0	2	0	0	0	0	0	0	0	37	0.1
01JBL-0892	20	0	1	0	0	0	3	0	3	0	3	0	0	5	423	0.1
01JBL-0893	2	0	4	0	0	0	20	0	7	1	3	0	1	1	31	0.1
01JBL-0894	2	0	0	0	0	0	300	0	0	0	0	0	0	8	2	0.1
01JBL-0895	9	0	0	0	0	0	450	0	0	1	0	0	0	1	113	0.1
01JBL-0896	9	0	0	0	0	0	60	0	5	1	0	0	0	2	1	0.1
01JBL-0897	17	0	0	0	0	0	40	0	0	1	0	0	0	1	59	0.1
01JBL-0898	9	0	0	1	0	0	500	0	2	2	1	0	0	6	3	0.1
01JBL-0899	1	0	0	0	0	0	1500	0	0	0	1	0	0	1	31	0.1
01JBL-0900	1	0	0	0	0	0	250	0	2	0	0	0	0	1	23	0.1
01JBL-0901	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0.1
01JBL-0902	3	0	0	0	0	0	7	0	1	0	0	0	1	0	2	5
01JBL-0903	3	0	0	0	0	0	10	0	2	0	0	0	1	2	0	7
01JBL-0905	1	1	0	0	0	0	50	0	0	0	0	0	0	5	0	0.1
01JBL-0906	7	0	0	0	0	0	40	0	1	0	0	0	2	5	0	0.1
01JBL-0907	1	0	0	0	0	0	0	0	1	0	0	0	0	0	15	1
01JBL-0908B	1	0	0	0	0	0	1500	0	0	0	0	0	0	1	0	0.1
01JBL-0915	1	0	0	0	0	0	15	0	1	0	0	0	0	0	11	0.1
01JBL-0916	5	0	0	0	0	0	4000	0	2	0	0	0	0	3	14	0.1
01JBL-0918	1	0	0	0	0	0	5	0	0	0	0	0	0	4	0	0.1
01JBL-0919	0	0	0	0	0	0	100	0	1	0	0	0	0	0	11	0.1
01JBL-0920	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0
01JBL-0921	0	0	0	0	0	0	0	0	1	1	0	0	0	2	5	0.1
01JBL-0922	1	0	0	0	0	0	0	0	0	0	0	0	0	2	6	0.1
01JBL-0923	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0.1
01JBL-0925	6	0	0	0	0	0	300	0	2	1	0	0	0	7	5	0.1
01JBL-0926	6	0	0	0	0	0	0	0	2	0	0	0	0	3	6	3
01JBL-0927	1	0	0	0	0	0	40	0	0	0	0	0	0	0	4	0.1
01JBL-0929	2	0	0	0	0	0	200	0	0	0	0	0	1	2	6	0.1
01JBL-0930	0	0	0	0	0	0	10	0	1	1	0	0	0	1	0	0.1
01JBL-0931	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0
01JBL-0932	2	0	0	0	0	0	1	0	0	0	0	0	0	2	15	0.1
01JBL-0933	2	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0.1
01JBL-0934	0	0	0	0	0	1	2000	0	0	0	0	0	0	7	4	0.1
01JBL-0935	4	0	0	0	0	0	1500	0	4	0	0	0	2	0	2	0.1
01JBL-0936	1	0	0	0	0	0	1000	0	0	0	0	0	0	0	4	0.1
01JBL-0937	0	0	0	0	0	0	1000	0	0	0	0	0	0	1	0	0.1
01JBL-0938	0	0	0	0	0	0	7000	0	3	0	0	0	0	1	6	0.1
01JBL-0939	0	0	0	0	0	0	20	0	6	0	0	0	0	9	2	0.1
01JBL-0940	2	0	0	0	0	0	1	0	3	0	0	0	0	2	1	15
01JBL-0941	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	10
01JBL-0942	0	0	0	0	0	0	30	0	1	0	0	0	14	2	0	15
01JBL-0943	1	0	0	0	0	0	500	0	3	0	0	0	0	4	1	20
01JBL-0944	3	0	1	0	0	0	30	0	4	0	1	0	6	8	7	30
01JBL-0945	2	0	0	0	0	0	0	0	1	0	0	0	0	2	23	3
01JBL-0946	0	0	0	1	0	0	200	0	0	0	0	0	0	0	0	0.1
01JBL-0947	1	0	0	0	0	0	30	0	2	0	4	0	0	0	2	0.1
01JBL-0948	5	0	0	0	0	0	5	0	1	0	0	0	0	1	3	0.1
01JBL-0949	7	1	0	1	0	0	100	0	0	0	0	0	1	1	7	0.1
01JBL-0950	0	0	0	0	0	0	50	0	0	0	0	0	0	3	9	7
01JBL-0951	3	0	0	0	0	0	1500	0	3	0	0	0	0	3	2	0.1
01JBL-0952	2	0	0	0	0	0	1	0	0	0	0	0	7	0	5	1
01JBL-0953	10	0	1	0	0	0	5	0	0	0	0	0	1	0	9	20
01JBL-0954	0	0	0	0	0	0	30	0	0	0	0	0	6	0	10	0.1
01JBL-0955B	0	0	0	0	0	0	150	0	1	0	0	0	0	1	0	0.1
01JBL-0956B	0	0	0	0	0	0	500	0	1	0	0	0	0	2	0	2

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-0957B	4	0	0	0	0	0	1	1	3	0	0	0	0	1	10	1
01JBL-0959	0	1	0	0	0	0	0	0	1	0	0	0	1	7	8	0.5
01JBL-0960	0	0	0	0	0	0	250	0	0	0	1	0	1	2	4	2
01JBL-0961	8	0	0	0	0	0	400	0	0	0	1	0	0	4	0	0.1
01JBL-0962	0	0	0	0	0	0	300	0	0	1	0	0	0	1	45	0.1
01JBL-0963	5	0	0	0	0	0	30	0	2	0	1	0	0	3	4	0.1
01JBL-0971	2	0	0	1	0	0	15	0	5	0	0	0	0	4	31	2
01JBL-0972	0	0	0	0	0	0	20	0	0	1	0	0	0	0	4	0.1
01JBL-0973	0	0	0	0	0	0	5	0	0	0	1	0	0	1	12	0.1
01JBL-0974	5	0	0	0	0	0	250	0	1	0	0	0	2	1	5	0.1
01JBL-0975	2	0	0	0	0	0	15	0	0	0	0	0	0	1	20	0.1
01JBL-0976	0	0	0	0	0	0	12	0	2	0	0	0	0	2	2	0.1
01JBL-0977	1	0	0	0	0	0	5	0	3	0	0	0	0	5	4	0.1
01JBL-0978	0	0	0	0	0	0	5	0	2	0	0	0	0	3	0	0.1
01JBL-0979	1	0	0	0	0	0	8	0	1	0	0	0	0	1	31	0.1
01JBL-0980	2	0	0	0	0	0	20	0	0	0	0	0	0	3	6	0.1
01JBL-0981	4	1	0	0	0	0	600	0	11	0	0	0	0	5	37	0.1
01JBL-0982	0	0	0	0	0	0	1	0	1	0	0	0	0	4	4	0.1
01JBL-0984	6	0	0	1	0	0	10	0	2	0	0	0	1	0	7	0.1
01JBL-0986	2	0	0	0	0	0	19	0	0	0	0	0	0	1	6	0.1
01JBL-0987	3	0	0	0	0	0	650	0	0	0	0	0	0	2	3	0.1
01JBL-0994	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	2
01JBL-0995	9	0	0	0	0	0	200	0	0	0	0	0	0	4	7	0.1
01JBL-0996	1	0	0	0	0	0	15	0	0	1	0	0	0	0	0	5
01JBL-0997	2	0	0	0	0	0	100	0	0	0	0	0	1	2	3	0.1
01JBL-0998	4	0	0	0	0	0	1000	0	2	0	0	0	0	2	6	0.1
01JBL-0999	0	0	0	0	0	0	1000	0	0	0	0	0	0	0	4	0.1
01JBL-1001	0	0	0	0	0	0	100	0	3	0	0	0	0	2	7	0.1
01JBL-1002	0	0	0	0	0	0	30	0	0	0	0	0	0	3	3	0.1
01JBL-1003	2	0	0	0	0	0	20	0	7	1	0	0	0	8	11	0.1
01JBL-1004	4	0	1	0	0	0	150	0	1	0	0	0	0	13	1	0.1
01JBL-1005	7	0	0	2	0	0	50	0	0	1	1	0	0	11	16	0.1
01JBL-1006	9	1	0	0	0	0	300	0	5	0	0	0	0	7	7	0.1
01JBL-1007	1	0	0	0	0	0	20	0	0	0	0	0	0	0	18	1
01JBL-1008	2	0	0	0	0	0	600	0	1	1	0	0	0	1	21	0.1
01JBL-1009	4	1	0	0	0	0	2	0	2	0	0	0	0	4	30	0.1
01JBL-1010	1	0	0	0	0	0	0.5	0	0	0	2	0	0	0	2	0.1
01JBL-1011	5	0	0	0	0	0	150	0	6	0	0	0	0	1	29	0.1
01JBL-1033	12	0	0	0	0	0	100	0	1	0	0	0	0	1	4	0.1
01JBL-1034	8	0	0	0	0	0	2	0	3	0	0	0	0	1	20	0.1
01JBL-1035	1	0	0	0	0	0	400	0	0	0	0	0	0	2	11	0.1
01JBL-1036	0	0	0	0	0	0	400	0	0	0	0	0	0	0	1	0.1
01JBL-1037	0	0	0	0	0	0	13	0	1	0	0	0	0	2	0	0.1
01JBL-1038	17	0	0	0	0	0	4	0	0	0	0	0	0	3	56	0.1
01JBL-1039	0	0	0	0	0	0	0	0	3	0	0	0	0	0	6	0.1
01JBL-1040	8	0	0	0	0	0	600	0	2	0	0	0	0	4	11	0.1
01JBL-1041	1	0	0	0	0	0	2	0	3	0	0	0	0	2	8	0.1
01JBL-1042	1	0	1	0	0	0	100	0	3	2	3	0	0	0	68	0.1
01JBL-1043	8	0	0	1	0	0	14	0	10	0	0	0	0	0	376	0.1
01JBL-1044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	447	0
01JBL-1045	0	0	0	0	0	0	15	0	1	0	0	0	0	0	483	0.1
01JBL-1046	2	0	0	0	0	0	0	0	0	1	0	0	0	5	30	0.1
01JBL-1047	1	0	0	0	0	0	6	0	1	0	0	0	0	1	4	0.1
01JBL-1048	0	0	0	0	0	0	4	0	1	0	0	0	1	2	0	0.1
01JBL-1049	3	0	0	1	0	0	20	0	7	10	0	0	0	5	0	0.1
01JBL-1052	0	0	0	1	0	0	6	0	4	2	0	0	0	3	51	0.1
01JBL-1056	4	0	0	0	0	0	20	0	0	1	3	0	0	0	8	0.1
01JBL-1057	0	0	0	0	0	0	0	0	2	4	4	0	0	0	5	0.1
01JBL-1058	26	0	10	2	0	0	30	0	32	18	1	0	1	4	54	0.1
01JBL-1092	1	0	0	0	0	0	3	0	0	0	1	0	0	2	43	0.1
01JBL-1093	1	0	0	0	0	0	250	0	2	0	0	0	0	5	15	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-1094	1	0	0	0	0	0	10	0	3	0	0	0	0	5	200	0.1
01JBL-1095	3	0	0	0	0	0	40	0	3	0	0	0	0	0	45	0.1
01JBL-1104	2	0	0	0	0	0	80	0	1	0	0	0	0	0	20	0.1
01JBL-1111	0	0	0	0	0	0	40	0	0	0	0	0	0	2	80	0.1
01JBL-1112	1	0	0	0	0	0	1200	0	9	1	0	0	0	2	1031	0.1
01JBL-1113	1	0	0	0	0	0	15	0	4	0	3	0	0	3	51	0.1
01JBL-1114	1	0	0	0	0	0	30	0	8	0	1	0	0	4	461	0
01JBL-1115	0	0	0	1	0	0	13	0	0	0	0	0	0	2	133	0.1
01JBL-1116	0	0	0	0	0	0	0	0	2	0	0	0	0	1	4	0.1
01JBL-1117	2	0	1	0	0	0	3	0	6	0	4	0	0	6	412	0.1
01JBL-1118	0	0	0	0	0	0	2	0	0	0	0	0	0	1	2	0.1
01JBL-1119	6	0	1	0	0	0	5	0	5	1	0	0	0	4	7764	0.1
01JBL-1120	13	0	0	0	0	0	0	0	0	0	0	0	0	6	3583	5
01JBL-1121	1	0	0	0	0	0	350	0	0	1	0	0	0	0	201	0.1
01JBL-1122	0	0	0	0	0	0	40	0	8	0	1	0	0	1	704	0.1
01JBL-1123	1	0	1	0	0	0	0	0	2	0	0	0	0	2	1096	0.1
01JBL-1124	2	0	0	0	0	0	0	0	2	2	0	0	0	6	5	0.1
01JBL-1125	7	0	0	0	0	0	200	0	4	1	0	0	0	1	216	0.1
01JBL-1126	4	1	0	0	0	0	50	0	1	0	0	0	0	1	15	0.1
01JBL-1131	4	0	0	2	0	0	900	0	2	0	0	0	0	0	81	0.1
01JBL-1145	5	0	0	0	0	0	80	0	3	0	0	0	0	3	3	0.5
01JBL-1147	0	0	0	0	0	0	1500	0	0	0	0	0	0	0	0	20
01JBL-1148	4	0	0	0	0	0	20	0	0	0	0	0	0	5	0	1
01JBL-1149	1	0	0	0	0	0	10	0	0	0	0	0	0	0	10	0.1
01JBL-1178	5	0	0	0	0	0	2	0	3	1	0	0	0	9	6	0.1
01JBL-1181	7	5	0	0	0	0	50	0	1	1	0	0	0	5	8	0.1
01JBL-1183	2	0	0	0	0	0	3	0	1	0	0	0	0	4	2	0.1
01JBL-1184	5	0	0	0	0	0	300	0	0	0	0	0	0	2	2	0.1
01JBL-1190	0	0	0	0	0	0	0	0	6	0	0	0	0	5	5	0.1
01JBL-1191	0	0	0	0	0	0	300	0	0	0	0	0	0	1	0	0.1
01JBL-1193	3	0	0	0	0	0	150	0	1	0	0	0	0	3	0	0.1
01JBL-1194	0	0	0	1	0	0	15	0	0	0	0	0	0	5	1	0.1
01JBL-1195	3	0	0	0	0	0	100	0	3	0	0	0	0	12	1	0.5
01JBL-1196	0	0	0	0	0	0	1500	0	1	0	0	0	0	1	0	0.1
01JBL-1197	3	0	0	0	0	0	3000	0	1	0	0	0	0	8	0	0.1
01JBL-1198	3	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1
01JBL-1199	11	1	0	0	0	0	150	0	2	0	1	0	0	7	45	0.1
01JBL-1200	0	0	0	0	0	0	100	0	0	1	0	0	0	0	1	0.1
01JBL-1201	0	0	0	0	0	0	30	0	1	0	0	0	0	4	3	0.1
01JBL-1202	5	0	1	0	0	0	0	0	2	0	0	0	0	6	9	0.1
01JBL-1203	7	0	0	0	0	0	10	0	8	0	0	0	0	6	3	0.1
01JBL-1204	6	0	0	1	0	0	200	0	0	0	0	0	0	15	4	0.1
01JBL-1205	3	0	0	0	0	0	500	0	0	0	0	0	0	6	2	0.1
01JBL-1206	11	0	0	0	0	0	100	0	1	0	0	0	0	6	0	0.1
01JBL-1210	5	0	0	0	0	0	450	0	0	0	2	0	0	1	0	0.1
01JBL-1211	6	1	0	0	0	0	60	0	2	0	0	0	0	7	2	1
01JBL-1219	0	0	0	0	0	0	1500	0	0	1	1	0	0	1	3	0.1
01JBL-1220	0	0	0	0	0	0	250	0	0	0	0	0	0	3	0	0.1
01JBL-1222	1	0	0	0	0	0	30	0	0	0	0	0	0	0	1	0.5
01JBL-1223	3	0	0	0	0	0	0	0	0	0	0	0	2	4	2	0.1
01JBL-1225	6	8	0	0	0	0	40	0	0	0	0	0	0	2	26	1
01JBL-1226	2	0	0	0	0	0	20	0	0	0	0	0	0	1	10	0.1
01JBL-1231	3	0	0	0	0	0	400	0	1	0	0	0	0	1	1	0.1
01JBL-2501	0	0	0	0	0	0	350	0	0	0	0	0	0	3	0	0.5
01JBL-2502	1	1	0	1	0	0	20	0	1	0	0	0	0	17	1	0.1
01JBL-2503	2	2	1	0	0	0	2	0	3	0	0	0	0	5	1	0.1
01JBL-2504	2	1	0	0	0	0	20	0	3	0	0	0	0	5	2	0.1
01JBL-2505	0	0	0	0	0	0	150	0	2	0	0	0	0	1	0	0.1
01JBL-2506	2	0	0	0	0	0	4	0	1	0	0	0	0	8	0	0.1
01JBL-2507	1	6	0	0	0	0	1	0	1	2	0	0	0	4	9	0.1
01JBL-2508	0	0	0	0	0	0	30	0	0	0	0	0	0	0	1	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-2509	3	1	0	0	0	0	100	0	0	0	0	0	0	5	2	0.1
01JBL-2510	1	2	0	0	0	0	20	0	0	1	0	0	0	1	0	0.5
01JBL-2511	5	1	1	0	0	0	60	0	0	0	0	0	1	1	0	0.1
01JBL-2512	6	4	0	2	0	0	100	0	1	0	1	0	0	10	3	0.1
01JBL-2513	4	6	0	0	0	0	350	0	0	0	0	0	1	7	16	0.1
01JBL-2514	3	2	0	0	0	0	50	0	0	0	0	0	0	2	0	0.1
01JBL-2515	10	0	0	0	0	0	25	0	0	0	0	0	0	3	0	0.1
01JBL-2516	0	0	0	0	0	0	400	0	1	0	0	0	0	4	0	0.1
01JBL-2517	0	0	0	0	0	0	750	0	0	0	0	0	0	4	0	0.1
01JBL-2518	5	1	0	0	0	0	50	0	0	0	0	0	0	0	4	0.1
01JBL-2519	0	0	0	0	0	0	2500	1	0	3	0	0	1	3	4	0.1
01JBL-2520	0	1	0	0	0	0	125	0	2	0	0	0	0	0	2	0.1
01JBL-2521	8	0	0	0	0	0	400	0	7	0	0	0	0	6	12	0.1
01JBL-2522	3	1	0	0	0	0	3	0	0	0	0	0	0	2	1	0.1
01JBL-2523	12	3	0	0	0	0	250	1	0	0	0	0	0	15	5	0.1
01JBL-2524	2	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0.1
01JBL-2525	1	1	0	2	0	0	80	0	2	0	0	0	0	6	0	0.1
01JBL-2532	0	0	0	0	0	0	9	0	0	0	0	0	0	2	2	0.1
01JBL-2533	1	0	0	1	0	0	5	0	0	0	0	0	0	5	0	0.1
01JBL-2535	0	0	0	0	0	0	20	0	0	0	0	0	1	5	5	0.1
01JBL-2538	0	1	0	0	0	0	6	0	1	1	0	0	0	8	42	0.1
01JBL-2539	0	0	0	1	0	0	0	0	0	0	0	0	2	4	1	0.1
01JBL-2540	6	1	0	0	0	0	3500	0	0	1	0	0	0	3	6	0.1
01JBL-2543	15	0	1	0	0	0	30	0	0	0	0	0	0	4	11	0.1
01JBL-2550	1	1	0	0	0	0	250	0	2	1	0	0	0	2	0	0.1
01JBL-2552	1	1	0	0	0	0	1000	0	1	1	0	0	0	4	13	0.1
01JBL-2553	1	0	0	1	0	0	150	1	1	0	0	0	0	1	2	0.1
01JBL-2554	1	0	0	0	0	0	10	0	1	0	0	0	0	3	0	0.1
01JBL-2556	2	0	0	1	0	0	125	0	1	0	0	0	1	0	0	0.1
01JBL-2557	7	0	0	0	0	0	0	0	0	0	0	0	0	2	22	0.1
01JBL-2558	1	0	0	0	0	0	30	0	1	0	0	0	0	4	0	0.1
01JBL-2559	3	0	0	0	0	0	1000	0	2	0	0	0	0	7	0	0.1
01JBL-2560	2	0	0	0	0	0	25	0	0	0	0	0	0	1	0	0.1
01JBL-2561	5	1	0	0	0	0	40	0	0	0	1	0	0	19	0	0.1
01JBL-2563	4	3	0	0	0	0	750	0	0	0	0	0	0	5	0	0.1
01JBL-2564	2	1	0	0	0	0	350	0	0	0	1	0	0	0	0	0.1
01JBL-2566	3	0	0	0	0	0	50	0	2	0	0	0	0	3	0	0.1
01JBL-2570	0	0	0	0	0	0	15	0	0	0	0	0	0	4	0	0.1
01JBL-2571	2	0	0	3	0	0	1000	0	3	0	0	0	0	0	0	0.1
01JBL-2572	0	0	0	0	0	0	0	0	1	0	1	0	0	1	7	0.1
01JBL-2573	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0.1
01JBL-2574	6	0	0	0	0	0	200	0	0	1	0	0	0	4	0	0.1
01JBL-2575	2	0	0	0	0	0	20	0	0	3	0	0	0	6	1	0.1
01JBL-2576	0	0	0	1	0	0	100	0	1	0	0	0	0	3	0	0.1
01JBL-2577	0	0	0	0	0	0	1300	0	3	1	0	0	0	2	0	0.1
01JBL-2578	5	0	0	0	0	0	15	0	0	0	0	0	0	3	0	0.1
01JBL-2579	1	0	0	0	0	0	3	0	1	1	1	0	0	3	0	0.1
01JBL-2580	1	0	0	0	0	0	80	0	1	1	0	0	0	2	10	0.1
01JBL-2581	15	0	0	2	0	0	20	0	2	0	0	0	0	1	4	0.1
01JBL-2582	0	0	0	0	0	0	1000	0	0	0	0	0	0	0	0	0.1
01JBL-2585	1	0	0	0	0	0	30	0	1	0	0	0	0	2	6	0.1
01JBL-2586	1	0	0	0	0	0	30	0	0	0	0	0	0	3	0	0.1
01JBL-2587	4	1	0	0	0	0	5000	0	0	0	0	0	0	6	0	0.1
01JBL-2588	6	0	0	2	0	0	4	0	0	0	0	0	0	2	1	0.1
01JBL-2589	0	0	0	0	0	0	150	0	0	0	0	0	0	4	2	0.1
01JBL-2592	7	0	0	0	0	0	30	0	0	0	0	0	0	5	1	0.1
01JBL-2593	2	0	0	0	0	0	5	0	0	0	0	0	0	6	0	0.1
01JBL-2594	4	0	0	0	0	0	200	0	0	0	0	0	0	4	1	0.1
01JBL-2596	0	0	0	0	0	0	800	0	0	0	0	0	0	3	3	0.1
01JBL-2597	3	0	0	0	0	0	2000	0	0	0	0	0	0	3	3	0.1
01JBL-2598	8	0	0	1	0	0	30	0	0	0	0	0	0	2	1	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-2599	0	0	0	0	0	0	400	0	0	1	1	0	0	1	1	0.1
01JBL-2600	5	0	0	0	0	0	100	0	0	0	0	0	0	5	4	0.1
01JBL-2601	0	0	0	0	0	0	30	0	0	0	0	0	0	2	2	0.1
01JBL-2602	9	0	0	0	0	0	300	0	0	1	0	0	0	9	0	0.1
01JBL-2603	0	0	0	0	0	0	60	0	0	1	0	0	0	1	5	0.1
01JBL-2604	2	0	0	0	0	0	150	0	0	0	0	0	0	0	1	0.1
01JBL-2605	1	0	0	0	0	1	0	0	0	1	0	0	0	6	1	0.1
01JBL-2606	0	1	0	0	0	0	1300	0	0	0	0	0	0	1	0	0
01JBL-2607	2	0	0	0	0	0	500	0	1	0	1	0	0	6	0	0.1
01JBL-2608	1	0	0	0	0	0	20	0	0	1	0	0	0	1	0	0.1
01JBL-2609	5	1	0	1	0	0	40	0	2	0	0	0	0	4	0	0.1
01JBL-2610	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0.1
01JBL-2611	0	0	0	0	0	0	30	0	0	0	0	0	0	4	0	0.1
01JBL-2612	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0.1
01JBL-2613	1	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0.1
01JBL-2614	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1
01JBL-2615	6	0	0	0	0	0	500	0	0	0	0	0	0	2	0	0.1
01JBL-2616	3	0	0	1	0	0	0	0	1	0	0	0	0	3	2	0.1
01JBL-2617	0	0	0	0	0	0	800	0	2	2	0	0	0	1	1	0.1
01JBL-2618	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0.1
01JBL-2619	0	1	0	0	0	0	100	0	0	0	0	0	0	0	0	0.1
01JBL-2620	0	0	0	0	0	0	3	0	0	1	0	0	0	2	0	0.1
01JBL-2621	11	0	0	1	0	0	15	0	1	1	0	0	0	8	0	0.1
01JBL-2622	2	1	0	0	0	0	15	0	0	0	0	0	0	2	0	0.1
01JBL-2623	11	1	0	0	0	0	30	0	4	3	0	0	0	14	0	0.1
01JBL-2624	0	0	0	0	0	0	1000	0	0	0	0	0	0	3	0	0.1
01JBL-2625	6	0	0	2	1	18	30	0	0	0	0	0	0	15	0	0.1
01JBL-2626	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
01JBL-2635	0	0	0	0	0	0	3000	0	0	0	0	0	0	0	0	0.1
01JBL-2636	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1
01JBL-2637	4	0	0	0	0	0	10	0	0	0	0	0	0	6	0	0.1
01JBL-2638	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0.1
01JBL-2639	2	0	0	0	0	0	1000	0	0	0	0	0	1	2	0	0.1
01JBL-2640	0	0	0	0	0	0	1	0	0	1	0	0	0	5	0	0.1
01JBL-2641	1	0	0	0	0	0	2000	0	1	0	0	0	0	3	0	0.1
01JBL-2643	3	1	0	0	0	0	150	0	0	0	0	0	2	4	18	0.1
01JBL-2644	0	0	0	0	0	0	20	0	1	0	0	0	0	0	0	0.1
01JBL-2645	0	0	0	0	0	0	150	0	0	0	0	0	0	1	6	0.1
01JBL-2646	4	0	0	0	0	0	1	0	1	1	0	0	0	2	1	0.1
01JBL-2647	0	0	0	0	0	0	15	0	0	0	0	0	0	2	0	0.1
01JBL-2648	18	8	0	0	0	0	100	0	1	1	0	0	0	12	0	0.1
01JBL-2649	4	3	0	1	0	0	100	0	2	3	0	0	0	17	0	0.1
01JBL-2651	2	0	0	0	0	0	150	0	0	0	0	0	0	2	0	0.1
01JBL-2652	0	0	0	0	0	0	15	0	1	0	0	0	0	1	1	0.1
01JBL-2658	6	0	0	1	0	0	1000	0	0	1	0	0	0	2	2	0.1
01JBL-2659	1	1	0	0	0	0	100	0	1	0	0	0	1	0	2	0.1
01JBL-2660	3	0	0	0	0	0	100	0	0	0	0	0	1	0	3	0.1
01JBL-2661	0	1	0	0	0	0	250	0	0	0	0	0	1	1	0	0.1
01JBL-2668	0	0	0	0	0	0	120	0	1	0	0	0	0	2	0	0.1
01JBL-2669	1	0	0	0	0	0	4	0	0	0	0	0	0	2	0	0.1
01JBL-2670	11	5	0	0	0	0	2	0	2	0	0	0	0	0	0	0.1
01JBL-2671	4	0	0	0	0	0	50	0	1	1	1	0	0	11	1	0.1
01JBL-2672	0	0	0	0	0	0	250	1	0	0	0	0	0	3	1	0.1
01JBL-2673	0	1	0	0	0	0	50	0	2	0	0	0	0	1	0	0.5
01JBL-2674	2	0	0	1	0	0	300	0	0	2	0	0	0	1	1	0.1
01JBL-2675	1	0	0	0	0	0	50	0	0	0	0	0	0	1	0	0.1
01JBL-2677	0	0	0	0	0	0	250	0	0	0	0	0	0	1	0	0.1
01JBL-2680	5	0	0	0	0	0	10	0	6	1	2	0	0	16	1	0.1
01JBL-2681	7	0	0	0	0	0	15	0	2	0	0	0	0	0	1	0.1
01JBL-2682	0	0	0	0	0	0	70	0	1	0	0	0	0	1	0	0.1
01JBL-2683	0	0	0	0	0	0	200	0	9	1	4	0	0	7	1	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-2684	1	0	0	0	0	0	5	0	8	0	0	0	0	3	9	0.1
01JBL-2685	2	0	0	0	0	0	10	0	2	0	0	0	1	7	0	0.1
01JBL-2686	5	0	0	1	0	0	15	0	12	1	0	0	0	8	3	0.1
01JBL-2687	7	0	0	0	0	0	10	0	0	1	0	0	0	3	6	0.1
01JBL-2688	3	0	0	0	0	0	50	0	2	0	0	0	0	6	5	0.1
01JBL-2689	2	0	0	0	0	0	250	0	0	0	0	0	0	1	1	0.1
01JBL-2690	3	0	0	0	0	0	50	0	0	0	0	0	0	3	3	0.1
01JBL-2691	7	2	0	0	0	0	3500	0	1	0	0	0	0	6	1	0.1
01JBL-2692	0	0	0	0	0	0	150	0	0	0	0	0	0	2	1	0.1
01JBL-2693	8	0	1	0	0	0	70	0	0	1	0	0	0	9	2	0.1
01JBL-2694	7	8	0	0	0	0	600	0	5	0	0	0	0	2	3	0.1
01JBL-2695	2	2	0	0	0	0	20	0	2	0	0	0	0	2	52	0.1
01JBL-2696	4	0	0	0	0	0	40	0	0	0	0	0	0	3	0	0.1
01JBL-2697	0	0	0	0	0	0	30	0	0	0	0	0	0	4	0	0.1
01JBL-2698	4	0	0	1	0	0	100	0	8	0	0	0	3	19	0	0.1
01JBL-2699	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0.1
01JBL-2700	5	0	0	0	0	0	30	0	28	4	0	0	0	10	0	0.1
01JBL-2701	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01JBL-2702	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0	0.1
01JBL-2703	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1
01JBL-2705	3	0	0	0	0	0	2	0	0	1	1	0	0	7	2	0.1
01JBL-2706	2	0	0	0	0	0	5	0	0	0	0	0	0	1	0	0.1
01JBL-2707	3	0	0	0	0	0	150	0	0	2	0	0	1	11	0	0.1
01JBL-2708	1	1	0	0	0	0	100	0	1	0	0	0	0	0	1	1
01JBL-2709	1	0	0	1	0	0	30	0	0	0	0	0	0	4	0	0.1
01JBL-2710	2	2	0	0	0	0	5	0	2	1	0	0	0	8	11	0.1
01JBL-2711	0	0	0	0	0	0	3	0	1	2	1	0	0	6	2	0
01JBL-2712	5	1	0	0	0	0	25	0	2	0	2	0	0	8	4	0.1
01JBL-2713	8	1	0	0	0	0	0	0	2	0	0	0	0	2	9	0.1
01JBL-2714	1	1	0	1	0	0	150	0	0	0	0	0	0	4	2	0.1
01JBL-2715	6	4	0	0	0	0	600	0	1	0	1	0	0	1	1	0.1
01JBL-2718	4	0	0	0	0	0	15	0	2	2	0	0	0	9	0	0.1
01JBL-2723	3	0	0	0	0	0	25	0	1	0	1	0	0	2	2	0.1
01JBL-2729	1	0	0	0	0	0	0	0	3	0	1	0	0	3	1	0.1
01JBL-2730	13	0	0	1	0	0	9	0	4	0	1	0	0	0	21	0.1
01JBL-2731	0	0	0	0	0	0	10	0	1	0	0	0	0	3	0	0.1
01JBL-2732	6	0	0	0	0	0	15	0	4	1	0	0	0	4	14	0.1
01JBL-2733	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
01JBL-2734	1	0	0	0	0	0	500	0	1	0	0	0	0	0	0	0.1
01JBL-2735	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
01JBL-2736	0	0	0	0	0	0	20	0	0	0	0	0	0	1	0	0.1
01JBL-2737	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
01JBL-2738	1	1	0	0	0	0	2	0	2	3	1	0	0	10	0	0.1
01JBL-2739	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
01JBL-2740	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0.1
01JBL-2741	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0.1
01JBL-2742	4	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0.1
01JBL-2743	14	5	1	0	0	0	25	0	4	2	0	0	0	18	1	0.1
01JBL-2744	8	0	1	0	0	0	700	1	3	1	0	0	0	5	4	0.1
01JBL-2745	13	0	0	0	0	0	500	0	0	0	0	0	1	8	3	0.1
01JBL-2746	7	0	0	0	0	0	1000	0	0	1	0	0	0	0	4	1
01JBL-2747	5	0	0	0	0	0	2000	0	0	1	0	0	0	2	0	3
01JBL-2755	2	0	0	0	0	0	1500	0	0	0	0	0	0	4	0	0.1
01JBL-2756	0	0	0	0	0	0	8000	0	0	0	0	0	0	1	0	0.1
01JBL-2757	0	0	0	0	0	0	6	0	0	0	0	0	0	1	0	0.1
01JBL-2759	1	0	0	1	0	0	0	0	0	0	1	0	0	7	0	0.1
01JBL-2760	10	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0.1
01JBL-2761	2	0	0	0	0	0	6	0	0	0	0	0	0	0	1	0.1
01JBL-2762	1	0	0	0	0	0	3000	0	0	0	0	0	0	2	0	0.1
01JBL-2764	1	0	0	0	0	0	1000	0	0	0	0	0	0	0	6	0.1
01JBL-2765	1	0	0	0	0	0	3	0	1	0	0	0	0	4	1	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-2768	0	0	0	0	0	0	800	0	0	0	0	0	0	0	0	0
01JBL-2769	3	0	0	0	0	0	200	0	1	0	0	0	0	2	1	0.1
01JBL-2770	1	0	0	1	0	0	0	0	3	0	0	0	0	1	22	0.1
01JBL-2771	3	3	0	0	0	0	40	0	1	0	0	0	0	1	19	0.1
01JBL-2772	2	0	0	0	0	0	25	0	0	1	0	0	0	1	3	0.1
01JBL-2773	2	0	0	0	0	0	300	0	0	0	0	0	0	1	0	0.1
01JBL-2774	5	3	0	0	0	0	700	0	0	0	0	0	0	0	1	0.1
01JBL-2775	14	0	0	0	0	0	2500	0	1	5	0	0	2	10	8	0.1
01JBL-2776	3	1	0	0	0	0	250	0	0	0	0	0	0	0	4	0.1
01JBL-2777	0	0	0	0	0	0	400	0	0	0	0	0	0	0	0	0
01JBL-2778	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0
01JBL-2779	4	3	0	1	0	0	0	0	1	0	0	0	0	2	157	0.1
01JBL-2780	7	0	0	0	0	0	0	0	2	1	0	0	1	0	25	0.1
01JBL-2781	4	0	1	1	0	0	25	0	7	1	0	0	0	2	27	0.1
01JBL-2783	1	0	0	0	0	0	900	0	0	0	0	0	0	0	0	0.1
01JBL-2784	5	0	0	0	0	0	250	0	1	0	0	0	0	1	5	0.1
01JBL-2785	0	1	0	0	0	0	5	0	0	0	0	0	0	0	1	0
01JBL-2786	0	0	0	0	0	0	2000	0	2	0	0	0	0	3	1	0.1
01JBL-2787	1	1	0	0	0	0	0	0	0	0	2	0	0	3	5	0.1
01JBL-2788	2	0	0	0	0	0	20	0	0	0	0	0	0	1	0	0.1
01JBL-2789	0	0	0	0	0	0	9	0	0	0	0	0	0	2	7	0.1
01JBL-2790	0	0	0	0	0	0	400	0	0	2	0	0	0	2	1	5
01JBL-2791	2	0	0	0	0	0	10	0	0	0	0	0	0	1	8	0.1
01JBL-2792	0	0	0	0	0	0	50	0	2	0	0	0	0	3	2	0
01JBL-2796	0	0	0	0	0	0	7500	0	0	0	0	0	0	0	0	0.1
01JBL-2797	2	0	0	0	0	0	2	0	1	1	4	0	0	7	3	0
01JBL-2798	0	0	0	0	0	0	600	0	7	1	1	0	0	4	8	0.1
01JBL-2801	2	0	0	0	0	0	2	0	5	1	1	0	0	7	24	0.1
01JBL-2802	5	0	0	0	0	0	1	0	5	0	1	0	0	8	2	0.1
01JBL-2803	1	0	0	0	0	0	120	0	2	0	0	0	0	1	9	0.1
01JBL-2804	7	0	0	0	0	0	15	0	1	0	0	0	0	1	0	0.1
01JBL-2805	0	0	0	0	0	0	70	0	0	0	0	0	0	2	0	0.1
01JBL-2806	1	0	0	0	0	0	50	0	0	0	0	0	0	2	0	0.1
01JBL-2807	0	0	0	0	0	0	2	0	0	0	0	0	0	2	5	0.1
01JBL-2808	0	0	0	0	0	0	0	0	1	0	1	0	0	4	1	0.1
01JBL-2809	6	0	0	1	0	0	1	0	5	0	0	0	3	2	1	0.1
01JBL-2811	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0.1
01JBL-2812	3	0	0	0	0	0	4	0	0	0	0	0	0	3	0	0.1
01JBL-2813	1	0	0	0	0	0	0	0	1	0	0	0	0	1	2	0.1
01JBL-2814	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
01JBL-2815	1	0	0	0	0	0	5	0	0	0	0	0	0	13	0	0.1
01JBL-2816	1	0	0	0	0	0	2	0	8	1	1	0	0	0	5	0.1
01JBL-2817	1	0	0	0	0	0	0	0	3	0	3	0	0	4	7	0.1
01JBL-2818	11	0	0	0	0	0	200	0	1	0	2	0	0	4	1	0.1
01JBL-2819	0	0	0	0	0	0	50	0	0	0	0	0	0	1	0	0.1
01JBL-2820	1	0	0	0	0	0	20	0	1	0	0	0	0	4	0	0.1
01JBL-2821	0	0	0	0	0	0	20	0	0	0	0	0	0	3	0	0.1
01JBL-2822	0	0	0	0	0	0	0	0	0	1	0	0	0	2	23	0.1
01JBL-2825	3	0	0	1	0	0	1	0	3	1	0	0	1	8	2	0.1
01JBL-2826	0	0	0	0	0	0	600	0	0	0	0	0	0	0	0	0
01JBL-2827	0	0	0	0	0	0	600	0	2	0	1	0	0	6	17	0.1
01JBL-2829	20	0	0	0	0	0	0	0	5	0	0	0	1	9	7	0.1
01JBL-2830	6	0	0	0	0	0	1000	0	3	2	2	0	0	3	18	0.1
01JBL-2834	2	0	0	0	0	0	400	0	0	0	0	0	1	4	0	0.1
01JBL-2835	4	0	0	0	0	0	30	0	2	0	0	0	0	3	7	0.1
01JBL-2836	5	0	0	0	0	0	30	0	7	1	0	0	0	4	22	0.1
01JBL-2839	1	1	0	0	0	0	2000	0	0	0	3	0	0	6	1	0.1
01JBL-2840	2	0	0	1	0	0	100	0	6	0	2	0	1	5	16	0.1
01JBL-2841	0	0	0	0	0	0	100	0	0	0	0	0	0	4	2	2
01JBL-2844	0	1	1	0	0	0	30	0	0	0	0	0	0	3	4	0.1
01JBL-2845	0	0	0	0	0	0	2	0	0	0	1	0	0	4	0	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-2846	8	0	0	0	0	0	5	0	4	?	0	0	0	5	0	0.1
01JBL-2847	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0.1
01JBL-2852	1	0	0	1	0	0	20	0	0	0	0	0	0	0	1	0.1
01JBL-2861	5	0	0	0	0	0	2	2	4	1	0	0	1	0	0	0.1
01JBL-2875	3	0	0	0	0	0	600	0	2	2	0	0	0	6	5	0.1
01JBL-2877	4	0	0	0	0	0	2000	0	0	0	0	0	0	4	4	0.1
01JBL-2878	1	0	0	0	0	0	1000	0	1	0	0	0	0	1	0	0.1
01JBL-2880	7	0	0	0	0	0	1200	0	0	0	0	0	0	1	3	0.1
01JBL-2881	0	0	0	0	0	0	500	0	0	0	2	0	0	2	6	0.1
01JBL-2882	1	0	0	0	0	0	500	0	0	0	0	0	1	5	0	0.1
01JBL-2885	8	3	0	0	0	0	15	0	0	2	0	0	0	5	6	0.1
01JBL-2886	6	0	0	0	0	0	7	1	0	1	0	0	0	1	2	0.1
01JBL-2887	5	1	0	2	0	0	5000	0	4	3	1	0	0	3	15	0.1
01JBL-2888	1	0	0	0	0	0	15	1	0	2	0	0	0	3	2	0.1
01JBL-2890	0	0	0	0	0	0	1200	0	1	0	0	0	0	3	10	0.1
01JBL-2902	0	0	0	0	0	0	15	0	3	2	3	0	0	1	2	0.1
01JBL-2924	0	0	0	0	0	0	10	0	0	1	0	0	0	2	1	0.1
01JBL-3001	0	3	0	0	0	0	0	0	1	1	0	0	1	1	13	0.1
01JBL-3002	2	0	0	0	0	0	20	0	0	0	0	0	0	1	4	0.1
01JBL-3003	1	0	0	0	0	0	30	0	0	0	0	0	0	0	2	0.1
01JBL-3006	1	0	0	0	0	0	15	0	0	0	0	0	0	2	0	0.1
01JBL-3007	0	0	0	0	0	0	1200	0	0	0	0	0	0	0	2	0.1
01JBL-3008	0	0	0	0	0	0	2	0	0	0	0	0	0	3	4	0.1
01JBL-3009	4	0	0	0	0	0	5	0	4	3	0	0	0	8	5	0.1
01JBL-3010	6	0	0	0	0	0	1000	0	2	1	0	0	0	0	11	0.1
01JBL-3011	0	0	0	0	0	0	40	0	3	0	0	0	0	2	0	0.1
01JBL-3012	9	3	0	0	0	0	250	0	0	0	0	0	1	4	3	0.1
01JBL-3017	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0.1
01JBL-3019	0	0	0	0	0	0	7500	0	1	0	0	0	0	1	1	0.1
01JBL-3022	4	0	0	0	0	0	5	0	3	0	4	0	0	3	31	0.1
01JBL-3024	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0.1
01JBL-3054	7	0	0	0	0	0	400	0	2	0	0	0	0	4	5	0.1
01JBL-3055	2	0	0	0	0	0	250	0	1	3	0	0	0	0	1	0.1
01JBL-3056	4	0	0	0	0	0	100	0	2	0	0	0	0	1	11	0.1
01JBL-3057	1	0	0	0	0	0	30	0	2	0	0	0	0	3	0	0.1
01JBL-3058	0	0	0	0	0	0	150	0	0	0	0	0	0	0	0	0.1
01JBL-3059	0	0	0	0	0	0	30	0	2	0	0	0	0	0	15	0.1
01JBL-3060	0	0	0	0	0	0	50	0	0	0	0	0	0	5	0	0.1
01JBL-3061	2	0	0	0	0	0	30	0	0	0	0	0	0	0	4	0.1
01JBL-3062	0	0	0	0	0	0	20	0	0	0	0	0	0	0	2	0.1
01JBL-3063	7	0	0	0	0	0	400	0	0	0	0	0	0	5	0	0.1
01JBL-3064	5	1	0	0	0	0	7	0	1	0	0	0	0	0	18	0.1
01JBL-3069	1	0	0	0	0	0	200	0	0	0	0	0	0	1	0	0.1
01JBL-3070	6	3	0	0	0	0	6000	0	0	1	0	0	0	4	0	0.1
01JBL-3071	1	0	0	0	0	0	2	0	0	0	0	0	0	1	7	0.1
01JBL-3074	0	0	0	0	0	0	10000	0	0	0	0	0	0	1	0	0.1
01JBL-3077	0	0	0	0	0	0	1500	0	2	0	0	0	0	2	0	0.1
01JBL-3078	0	0	0	0	0	0	30	0	1	0	1	0	0	4	27	0.1
01JBL-3079	2	0	0	0	0	0	20	0	0	0	0	0	0	1	0	0.1
01JBL-3080	3	0	0	0	0	0	15	0	3	0	0	0	0	0	0	0.1
01JBL-3081	1	1	0	0	0	0	15	0	2	0	0	0	0	4	2	0.1
01JBL-3082	7	0	0	0	0	0	15	0	0	0	0	0	0	0	1	0.1
01JBL-3083	2	1	0	0	0	0	30	0	1	0	0	0	0	5	2	0.1
01JBL-3084	6	0	0	0	0	0	600	0	0	0	0	0	0	2	2	0.1
01JBL-3085	0	0	0	0	0	0	200	0	0	0	0	0	0	1	2	0.1
01JBL-3086	2	0	0	0	0	0	12000	0	0	0	0	0	0	5	0	0.1
01JBL-3087	2	0	0	1	0	0	5	0	1	0	0	0	1	0	1	0.1
01JBL-3088	7	1	0	0	0	0	30	0	2	2	0	0	0	7	2	0.1
01JBL-3089	2	0	0	1	0	0	60	0	0	3	0	0	0	0	0	0.1
01JBL-3090	2	0	0	0	0	0	30	0	0	0	0	0	1	0	0	0.1
01JBL-3091	5	0	0	0	0	0	20	0	0	0	0	0	0	0	12	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-3092	3	0	0	0	0	0	150	0	0	2	0	0	0	0	3	3
01JBL-3093	6	0	0	1	0	0	800	0	3	0	0	0	0	0	2	0.1
01JBL-3094	3	2	0	2	0	0	400	0	2	0	0	0	0	4	0	0.1
01JBL-3095	5	0	0	0	0	0	250	0	0	0	0	0	0	2	1	0.1
01JBL-3096	1	0	0	0	0	0	10	0	0	0	0	0	0	3	3	0.1
01JBL-3098	1	0	0	0	0	0	1500	0	0	1	0	0	1	1	0	0.1
01JBL-3101	10	0	0	0	0	0	150	0	0	0	0	0	0	0	0	0.1
01JBL-3102	0	0	0	0	0	0	40	0	2	0	0	0	0	1	15	0.1
01JBL-3103	1	0	0	0	0	0	100	0	0	0	0	0	0	1	1	0.1
01JBL-3104	19	6	0	1	1	2	5	0	1	0	0	0	1	5	2	0.1
01JBL-3105	1	1	1	0	0	0	20	0	1	0	3	0	0	5	8	0.1
01JBL-3106	8	0	0	0	0	0	500	0	1	1	0	0	0	3	0	0.1
01JBL-3107	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0.1
01JBL-3108	1	0	0	0	0	0	15	0	0	0	0	0	0	3	0	0.1
01JBL-3109	4	0	0	0	0	0	3	0	6	2	0	0	0	5	0	0.1
01JBL-3110	0	0	0	1	0	0	5	0	0	3	1	0	0	6	4	0.1
01JBL-3111	4	0	0	0	0	1	0	0	0	0	0	0	0	0	3	0.1
01JBL-3112	1	1	0	0	0	0	7	0	0	0	0	0	0	0	2	0.1
01JBL-3113	0	0	0	0	0	0	1000	0	0	0	0	0	0	1	1	0.1
01JBL-3115	0	0	0	0	0	0	40	0	1	0	0	0	0	2	8	0.1
01JBL-3116	0	0	0	0	0	0	50	0	1	0	0	0	0	2	8	0.1
01JBL-3117	1	0	0	0	0	0	50	0	2	0	0	0	0	0	12	0.1
01JBL-3118	2	0	0	0	0	0	2	0	2	2	0	0	0	6	15	0.1
01JBL-3124	2	0	0	1	0	0	700	0	0	0	0	0	0	5	0	0.1
01JBL-3125	2	0	0	0	0	0	100	0	0	0	3	0	0	1	4	0.1
01JBL-3126	4	0	0	0	0	0	15	0	3	0	0	0	0	2	3	0.1
01JBL-3128	0	0	0	0	0	0	200	0	0	0	0	0	0	7	3	0.1
01JBL-3129	0	0	0	0	0	0	300	0	0	0	0	0	0	1	0	0.1
01JBL-3130	4	0	0	0	0	0	3	0	0	0	0	0	0	1	9	0.1
01JBL-3132	3	0	0	1	0	0	1	0	1	0	1	0	0	5	5	0.1
01JBL-3133	1	0	0	0	0	0	15	0	1	0	0	0	0	1	0	0.1
01JBL-3134	0	0	0	0	0	0	500	0	1	2	3	0	0	1	10	0.1
01JBL-3136	5	0	0	0	0	0	30	0	0	0	0	0	0	0	8	0.1
01JBL-3137	5	0	0	1	0	0	4	0	0	2	3	0	0	3	2	0.1
01JBL-3139	0	0	0	0	0	0	15	0	0	0	0	0	0	2	7	0.1
01JBL-3140	1	0	0	0	0	0	150	0	0	0	0	0	0	1	0	0.1
01JBL-3141	4	0	0	0	0	0	10	0	0	0	0	0	0	5	0	0.1
01JBL-3142	5	1	0	0	0	0	0	0	2	1	0	0	0	0	10	0.1
01JBL-3143	1	0	0	0	0	0	9	0	0	0	0	0	0	4	3	0.1
01JBL-3144	0	0	0	0	0	0	2	0	0	1	0	0	0	1	0	0.1
01JBL-3145	0	0	0	0	0	0	150	0	0	0	0	0	0	3	0	0.1
01JBL-3146	1	0	0	0	0	0	0	0	0	0	1	0	0	0	7	0.1
01JBL-3147	0	0	0	0	0	0	300	0	0	0	0	0	0	1	2	0.1
01JBL-3148	1	0	0	0	0	0	30	0	1	0	0	0	0	6	1	0.1
01JBL-3149	0	0	0	0	0	0	300	0	0	0	1	0	0	3	1	0.1
01JBL-3150	1	0	0	0	0	0	150	0	0	0	0	0	0	1	0	0.1
01JBL-3151	5	0	0	0	0	0	200	0	3	0	0	0	0	5	0	0.1
01JBL-3152	0	0	0	0	0	0	15	0	3	1	5	0	0	7	9	0.1
01JBL-3153	2	0	0	0	0	0	100	0	0	0	0	0	1	0	2	0.1
01JBL-3155	1	0	0	0	0	0	10	0	0	0	0	0	0	0	2	0.1
01JBL-3156	1	0	0	1	0	0	200	0	0	0	1	0	0	4	0	0.1
01JBL-3157	1	1	0	0	0	0	5	0	0	0	1	0	0	4	0	0.1
01JBL-3158	1	0	0	0	0	0	20	0	0	0	0	0	0	4	2	0.1
01JBL-3159	1	0	0	0	0	0	80	0	2	0	0	0	0	0	1	0.1
01JBL-3160	5	0	0	1	0	0	10	0	3	0	0	0	0	7	3	0.1
01JBL-3161	8	0	0	0	0	0	20	0	0	0	2	0	0	0	11	0.1
01JBL-3162	1	1	0	0	0	0	500	0	0	0	0	0	0	2	38	0.1
01JBL-3163	1	0	0	0	0	0	600	0	0	1	0	0	0	3	5	0.1
01JBL-3164	3	0	0	0	0	0	100	0	0	1	1	0	1	4	5	0.1
01JBL-3165	1	0	0	0	0	0	80	0	4	0	0	0	0	2	21	0.1
01JBL-3166	2	0	0	0	0	0	40	0	2	0	0	0	0	1	2	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-3167	3	0	0	0	0	0	1000	0	0	1	1	0	0	7	1	0.1
01JBL-3168	3	0	0	0	0	0	200	0	0	0	0	0	0	1	3	0.1
01JBL-3171	4	0	0	0	0	0	10	0	0	1	0	0	0	2	3	0.1
01JBL-3172	3	0	0	0	0	0	200	0	0	0	0	0	1	6	3	0.1
01JBL-3173	0	0	0	0	0	0	6000	0	2	0	0	0	0	8	3	0.1
01JBL-3178	0	0	0	0	0	0	100	0	0	0	0	0	0	4	1	0.1
01JBL-3179	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.1
01JBL-3180	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.1
01JBL-3181	0	0	0	0	0	0	200	0	0	0	0	0	0	0	1	0.1
01JBL-3182	4	0	0	0	0	0	2	0	1	0	0	0	0	2	5	0.1
01JBL-3183	1	0	0	0	0	1	0	0	0	1	0	0	0	1	8	0.1
01JBL-3185	4	0	1	0	0	0	30	0	1	0	0	0	0	3	3	0.1
01JBL-3187	0	0	0	0	0	0	15	0	0	1	0	0	0	9	0	0.1
01JBL-3189	5	2	0	0	0	0	500	0	5	1	0	0	0	4	1	0.1
01JBL-3191	0	0	0	0	0	0	4	0	1	1	0	0	0	9	11	0.1
01JBL-3193	0	0	0	0	0	0	10	0	0	0	0	0	0	3	0	0.1
01JBL-3195	5	3	0	0	0	0	1	0	1	1	0	0	0	9	0	0.1
01JBL-3196	8	2	0	0	0	0	0	0	1	1	0	0	0	4	0	0.1
01JBL-3197	7	4	0	0	0	0	15	0	0	1	0	0	0	7	4	0.1
01JBL-3198	2	0	0	1	0	0	20	0	1	0	0	0	0	1	0	0.1
01JBL-3199	7	4	0	0	0	0	50	0	2	0	0	0	2	1	3	0.1
01JBL-3200	2	0	0	0	0	0	20	0	3	0	0	0	0	6	1	0.1
01JBL-3201	13	0	0	0	0	0	700	0	2	0	0	0	0	10	17	0.1
01JBL-3202	14	5	1	1	0	1	15	0	3	0	0	0	0	6	9	0.1
01JBL-3206	2	0	0	0	0	0	50	0	2	0	0	0	0	5	0	0.1
01JBL-3212	0	0	0	0	0	0	150	0	0	3	0	0	0	6	0	0.1
01JBL-3213	0	0	0	0	0	0	60	0	10	0	0	0	0	9	4	0.1
01JBL-3214	0	0	0	0	0	0	5	0	5	1	18	0	0	11	54	0.1
01JBL-3215	0	0	1	0	0	0	0	0	5	1	0	0	0	3	32	0.1
01JBL-3217	0	0	0	0	0	0	15	0	10	1	9	0	0	5	10	0.1
01JBL-3218	1	0	1	0	0	0	5	0	1	0	2	0	0	6	10	0.1
01JBL-3219	1	0	0	0	0	0	3	0	4	1	3	0	0	8	6	0.1
01JBL-3220	0	0	0	0	0	0	5	0	0	0	0	0	0	3	6	0.1
01JBL-3221	0	0	0	0	0	0	4	0	2	0	1	0	0	3	21	0.1
01JBL-3222	0	0	0	0	0	0	0	0	3	0	0	0	0	2	17	0.1
01JBL-3223	1	0	0	0	0	0	0	0	3	1	0	0	0	5	32	0.1
01JBL-3224	1	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0.1
01JBL-3225	1	0	0	0	0	0	5	0	7	0	0	0	0	7	12	0.1
01JBL-3226	3	1	1	0	0	0	7	0	4	0	0	0	0	8	3	0.1
01JBL-3238	0	0	0	0	0	0	0	0	3	0	0	0	0	10	6	0.1
01JBL-3253	0	0	0	0	0	0	0	0	1	0	0	0	0	2	8	0.1
01JBL-3255	2	0	0	0	0	0	5	0	10	0	1	0	0	4	8	0.1
01JBL-3256	4	0	0	0	0	0	5	0	0	0	0	0	0	2	2	0.1
01JBL-3257	2	0	0	0	0	0	0	0	1	0	1	0	0	0	4	0.1
01JBL-3258	0	0	0	0	0	0	30	0	4	0	0	1	0	1	21	0.1
01JBL-3259	0	0	0	0	0	0	2000	0	1	1	0	0	0	8	10	0.1
01JBL-3260	0	0	0	0	0	0	0	0	2	0	0	0	0	1	11	0.1
01JBL-3264	8	0	0	0	0	0	3	0	1	0	0	0	0	4	21	0.1
01JBL-3265B	1	0	0	0	0	0	3	0	1	1	4	0	0	14	0	0.1
01JBL-3266	0	0	0	0	0	0	40	0	4	0	0	0	0	4	26	0.1
01JBL-3270	0	0	0	0	0	0	8	0	6	2	1	0	0	0	8	0.1
01JBL-3271	3	0	0	0	0	0	30	0	2	1	0	0	0	3	11	0.1
01JBL-3272	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
01JBL-3273	1	0	0	1	0	0	100	0	1	0	0	0	0	4	1	0.1
01JBL-3291	3	0	0	0	0	0	0	0	0	1	0	0	0	2	1	0.1
01JBL-3293	3	0	0	0	0	0	300	0	0	0	4	0	0	3	8	0.1
01JBL-3296	2	0	0	0	0	0	40	0	2	0	0	0	0	0	3	0.1
01JBL-3297	0	0	0	0	0	0	20	0	0	2	1	0	0	3	15	0.1
01JBL-3298	0	0	0	1	0	0	30	0	0	2	0	0	0	1	1	0.1
01JBL-3299	1	0	0	0	0	0	5	0	0	0	0	0	0	2	0	0.1
01JBL-3300	0	0	0	0	0	0	20	0	0	1	0	0	1	0	17	0.1

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-3307	0	0	0	0	0	0	30	0	0	0	0	0	0	6	0	0.1
01JBL-3308	0	0	0	1	0	0	0	0	0	1	0	0	0	5	10	0.1
01JBL-3311	0	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0.1
01JBL-3331	4	0	0	0	0	0	7	0	2	1	4	0	0	3	2	0.1
01JBL-3332	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0.1
01JBL-3333	0	0	0	1	0	0	20	0	0	0	1	0	0	3	0	0.1
01JBL-3334	0	0	0	0	0	0	50	0	0	0	0	0	0	3	3	0.1
01JBL-3335	4	0	0	0	0	0	10	0	1	0	0	0	0	2	2	0.1
01JBL-3336	0	0	0	0	0	0	5	0	1	1	0	0	0	0	7	0.1
01JBL-3337	0	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0.1
01JBL-3339	0	0	0	0	0	0	15	0	0	0	0	0	0	1	9	0.1
01JBL-3340	0	0	0	0	0	0	0	0	4	0	3	0	0	6	31	0.1
01JBL-3341	4	0	0	0	0	0	10	0	11	0	0	0	0	4	48	0.1
01JBL-3342	10	0	0	0	0	0	8	0	0	0	0	0	0	1	21	0.1
01JBL-3343	3	1	0	0	0	0	4	0	1	0	0	0	0	2	15	0.1
01JBL-3344	2	0	0	0	0	0	1000	0	1	0	0	0	0	2	18	0.1
01JBL-3345	5	1	0	0	0	0	300	0	1	2	1	0	0	1	10	0.1
01JBL-3346	1	0	0	1	0	0	400	0	1	0	0	0	0	3	30	0.1
01JBL-3347	3	1	0	0	0	0	500	0	3	0	0	0	0	4	57	0.1
01JBL-3348	1	0	0	0	0	0	40	0	3	2	0	0	0	3	14	0.1
01JBL-3349	4	0	0	0	0	0	50	0	1	2	0	0	0	2	83	0
01JBL-3350	0	0	0	0	0	0	3	0	16	0	0	4	0	0	23	0.1
01JBL-3351	0	0	0	0	0	0	150	0	0	0	0	0	0	1	0	0.5
01JBL-3368	0	0	0	0	0	0	50	0	0	0	0	0	0	3	4	0.1
01JBL-3373	1	0	0	0	0	0	3	0	1	0	0	0	0	0	0	0.1
01JBL-3374	3	0	0	0	0	0	100	0	7	1	0	0	0	4	47	0.1
01JBL-3375	2	0	0	0	0	0	5	0	1	0	0	0	0	4	10	0.1
01JBL-3376	0	0	0	0	0	0	20	0	1	0	0	0	0	3	0	0.1
01JBL-3377	1	0	0	0	0	0	7	0	6	0	0	0	0	2	3	0.1
01JBL-3378	1	0	0	0	0	0	Tr	0	1	0	0	0	0	3	0	0.1
01JBL-3379	2	0	0	0	0	0	0	0	5	0	3	0	0	5	9	0.1
01JBL-3380	1	1	0	0	0	0	15	0	3	0	3	0	0	9	8	0.1
01JBL-3381	0	0	0	0	0	0	6	0	3	0	0	2	0	0	40	0.1
01JBL-3382	8	0	2	0	0	0	40	0	6	1	0	0	0	2	99	0.1
01JBL-3383	0	0	0	0	0	0	5	0	1	0	0	0	0	3	15	0.1
01JBL-3384	0	0	0	0	0	0	300	0	1	0	0	0	0	2	13	0.1
01JBL-3385	0	0	0	0	0	0	6	0	2	0	0	0	0	1	13	0.1
01JBL-3386	7	1	0	0	0	0	9	0	4	0	0	0	0	8	13	0.1
01JBL-3387	0	1	0	0	0	0	2	0	2	0	2	0	0	6	5	0.1
01JBL-3388	0	0	0	0	0	0	3000	0	1	0	0	0	0	1	13	0.1
01JBL-3401	2	0	0	0	0	0	3	0	5	0	2	0	0	4	30	0.1
01JBL-3402	4	0	0	0	0	0	0	0	1	0	0	0	0	4	7	1
01JBL-3403	3	0	0	0	0	0	30	0	0	0	0	0	0	3	1	1
01JBL-3404	0	0	0	0	0	0	400	0	5	0	0	20	0	2	20	0.1
01JBL-3405	1	0	0	0	0	0	1000	0	0	0	0	0	0	0	1	0.1
01JBL-3406	1	0	1	0	0	0	0	0	6	0	1	0	0	5	21	0.1
01JBL-5001	0	0	0	0	0	0	15	0	1	0	0	0	0	0	22	0.1
01JBL-5002	16	0	0	0	0	0	30	0	0	0	0	0	0	0	733	0.1
01JBL-5003	0	0	0	0	0	0	5	0	0	0	0	0	0	0	24	0.1
01JBL-5004	3	0	0	0	0	0	1200	0	1	0	0	0	0	0	63	0.1
01JBL-5005	0	0	0	0	0	0	0	0	2	0	0	0	0	1	40	0.1
01JBL-5006	0	0	0	0	0	0	200	0	0	0	0	0	0	1	1	0.1
01JBL-5007	2	0	1	0	0	0	0	0	1	0	0	0	0	2	55	0.1
01JBL-5008	2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0.1
01JBL-5009	1	0	0	0	0	0	5	0	0	0	0	0	0	2	3	0.1
01JBL-5010	2	0	0	0	0	0	3	0	6	0	0	0	0	4	30	5
01JBL-5011	1	0	0	0	0	0	3	0	1	0	0	0	0	3	0	0.1
01JBL-5012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
01JBL-5013	2	0	0	0	0	0	3	0	0	0	0	0	0	7	1	1
01JBL-5014	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
01JBL-5015	0	0	0	0	0	0	3	0	3	1	0	0	3	8	0	15

Site Number	Ccp	Sph	Gahn	Mo	Gal	Ars	Pyrite	Bar	Spi	Ruby Cor	Red Rutile	Top	Fluo	low Cr-Diop	Chr	% Gth
01JBL-5016	1	0	0	0	0	0	2	0	4	1	0	0	0	3	1	0.5
01JBL-5017	1	0	0	0	0	0	0	0	0	0	0	0	0	1	6	1
01JBL-5018	0	0	0	0	0	0	3	0	0	0	0	0	0	1	0	0.1
01JBL-5019	1	0	0	0	0	0	3	0	1	0	0	0	0	0	2	2
01JBL-5022	4	1	0	0	0	0	2	0	1	0	0	0	0	0	1	10
01JBL-5023	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1	1
01JBL-5024	2	0	0	1	0	0	40	0	0	0	1	0	0	4	0	1
01JBL-5025	3	2	0	0	0	0	5	0	0	0	0	0	0	0	44	0.1
01JBL-5026	3	0	0	0	0	0	7	0	4	0	0	0	0	8	0	0.5
01JBL-5027	0	0	0	0	0	0	30	0	0	0	0	0	0	1	0	0.1
01JBL-5028	1	0	0	0	0	0	30	0	2	1	1	0	0	2	7	0.1
01JBL-5029	7	0	1	0	1	0	30	0	1	0	0	0	0	0	5	0.1
01JBL-5030	10	0	0	0	0	0	3	0	0	0	0	0	0	3	17	0.1
01JBL-5031	1	0	0	0	0	0	150	0	0	0	0	0	0	1	11	0.1
01JBL-5032	2	2	0	0	0	0	200	0	0	0	0	0	0	3	1	3
01JBL-5033	1	0	0	0	0	0	80	0	0	0	0	0	1	5	11	0.1
01JBL-5501	8	1	0	0	0	0	200	0	0	0	0	0	0	0	0	0.1
01JBL-5502	1	0	0	1	0	0	6	0	0	0	0	0	0	0	5	0.1
01JBL-5503	4	0	0	0	0	0	600	0	0	0	0	0	0	8	0	0.1
01JBL-5504	0	0	0	0	0	0	0	0	0	1	0	0	0	2	5	0.1
01JBL-5505	2	2	0	0	0	0	1000	0	0	0	0	0	0	1	4	0.1
01JBL-5506	2	0	0	0	0	0	500	0	0	1	0	0	0	1	0	0.1
01JBL-5507	7	0	0	1	0	0	150	0	0	1	0	0	1	1	0	0.1
01JBL-5508	5	2	0	0	0	0	0	0	0	0	0	0	0	3	2	0.1
01JBL-5509	0	0	0	0	0	0	200	0	1	0	1	0	0	4	7	0.1
01JBL-5510	0	0	0	0	0	0	200	0	0	0	0	0	0	0	1	0.1
01JBL-5511	1	0	0	0	0	0	2	0	0	0	0	0	0	1	0	1
01JBL-5512	2	1	0	0	0	0	0	0	1	0	0	0	0	3	35	0.1
01JBL-5513	0	0	0	0	0	0	10	0	2	0	0	0	0	1	11	0.1
01JBL-5516	0	0	0	0	0	0	250	0	4	1	0	0	0	7	12	0.1
01JBL-5517	13	1	1	0	0	0	1	0	3	3	0	0	0	4	2	0.1
01JBL-5518	0	0	0	0	0	0	100	0	0	0	0	0	0	1	0	0.1
01JBL-5519	2	0	0	1	0	0	150	0	0	0	0	0	0	1	2	0.1
01JBL-5520	0	0	0	0	0	0	5	0	0	1	0	0	0	0	0	0.1
01JBL-5521	0	0	0	0	0	0	150	0	0	0	0	0	0	0	1	0
01JBL-5522	1	0	0	0	0	0	3	0	0	0	0	0	0	1	2	0.1
01JBL-5523	0	0	0	0	0	0	20	0	0	0	0	0	0	0	7	0.1
01JBL-5524	0	0	0	0	0	0	2	0	0	0	0	0	0	4	2	0.1
01JBL-5525	3	0	0	0	0	0	70	0	0	0	0	0	0	3	7	0.1
01JBL-5526	0	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0.1
01JBL-5527	0	0	0	0	0	0	500	0	1	0	0	0	0	4	0	0.1
01JBL-5528	1	0	0	1	0	0	30	0	0	0	0	0	0	1	0	0.1

APPENDIX E : Numbers of Total, Reshaped, Modified and Pristine Gold Grains.

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-0001	1	1	0	0	60.7	1703	1703	0	0
01JBL-0002	0	0	0	0	108.8	0	0	0	0
01JBL-0003	0	0	0	0	61.4	0	0	0	0
01JBL-0004	0	0	0	0	102.5	0	0	0	0
01JBL-0007	0	0	0	0	63.6	0	0	0	0
01JBL-0008	0	0	0	0	77.0	0	0	0	0
01JBL-0009	0	0	0	0	153.1	0	0	0	0
01JBL-0010	0	0	0	0	44.4	0	0	0	0
01JBL-0011	0	0	0	0	109.2	0	0	0	0
01JBL-0012	0	0	0	0	133.1	0	0	0	0
01JBL-0013	0	0	0	0	40.4	0	0	0	0
01JBL-0014	0	0	0	0	17.6	0	0	0	0
01JBL-0015	0	0	0	0	81.0	0	0	0	0
01JBL-0016	0	0	0	0	44.3	0	0	0	0
01JBL-0017	0	0	0	0	80.2	0	0	0	0
01JBL-0028	0	0	0	0	39.1	0	0	0	0
01JBL-0029	1	1	0	0	113.4	2	2	0	0
01JBL-0030	0	0	0	0	34.9	0	0	0	0
01JBL-0031	0	0	0	0	41.5	0	0	0	0
01JBL-0032	0	0	0	0	38.6	0	0	0	0
01JBL-0033	0	0	0	0	32.0	0	0	0	0
01JBL-0038A	0	0	0	0	32.3	0	0	0	0
01JBL-0039	0	0	0	0	24.7	0	0	0	0
01JBL-0040	0	0	0	0	11.7	0	0	0	0
01JBL-0041	0	0	0	0	26.9	0	0	0	0
01JBL-0042	0	0	0	0	20.4	0	0	0	0
01JBL-0043	0	0	0	0	21.3	0	0	0	0
01JBL-0044	0	0	0	0	68.0	0	0	0	0
01JBL-0045	0	0	0	0	57.0	0	0	0	0
01JBL-0049	0	0	0	0	94.9	0	0	0	0
01JBL-0064	0	0	0	0	28.2	0	0	0	0
01JBL-0066	0	0	0	0	24.7	0	0	0	0
01JBL-0067	0	0	0	0	63.6	0	0	0	0
01JBL-0068	0	0	0	0	21.9	0	0	0	0
01JBL-0069	0	0	0	0	6.8	0	0	0	0
01JBL-0070	0	0	0	0	1.7	0	0	0	0
01JBL-0074	0	0	0	0	152.0	0	0	0	0
01JBL-0075	0	0	0	0	160.7	0	0	0	0
01JBL-0076	0	0	0	0	67.1	0	0	0	0
01JBL-0078	0	0	0	0	19.4	0	0	0	0
01JBL-0083	0	0	0	0	38.4	0	0	0	0
01JBL-0085	0	0	0	0	48.1	0	0	0	0
01JBL-0086	1	1	0	0	73.5	29	29	0	0
01JBL-0087	0	0	0	0	33.8	0	0	0	0
01JBL-0088	0	0	0	0	19.9	0	0	0	0
01JBL-0089	0	0	0	0	61.1	0	0	0	0
01JBL-0090	0	0	0	0	31.6	0	0	0	0
01JBL-0091	0	0	0	0	46.4	0	0	0	0
01JBL-0092	0	0	0	0	51.2	0	0	0	0
01JBL-0093	0	0	0	0	47.5	0	0	0	0
01JBL-0094	0	0	0	0	55.8	0	0	0	0
01JBL-0095	0	0	0	0	58.5	0	0	0	0
01JBL-0096	0	0	0	0	177.9	0	0	0	0
01JBL-0097	0	0	0	0	64.3	0	0	0	0
01JBL-0098	0	0	0	0	44.4	0	0	0	0
01JBL-0100	0	0	0	0	63.8	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-0101	0	0	0	0	17.1	0	0	0	0
01JBL-0102	0	0	0	0	27.2	0	0	0	0
01JBL-0103	0	0	0	0	47.8	0	0	0	0
01JBL-0104	0	0	0	0	87.4	0	0	0	0
01JBL-0105	0	0	0	0	56.2	0	0	0	0
01JBL-0107	0	0	0	0	23.2	0	0	0	0
01JBL-0108	0	0	0	0	56.4	0	0	0	0
01JBL-0109	0	0	0	0	43.6	0	0	0	0
01JBL-0110	0	0	0	0	54.4	0	0	0	0
01JBL-0111	0	0	0	0	66.7	0	0	0	0
01JBL-0115	0	0	0	0	33.6	0	0	0	0
01JBL-0116	0	0	0	0	26.9	0	0	0	0
01JBL-0117	0	0	0	0	104.9	0	0	0	0
01JBL-0118	0	0	0	0	8.8	0	0	0	0
01JBL-0119	0	0	0	0	109.0	0	0	0	0
01JBL-0120	0	0	0	0	63.5	0	0	0	0
01JBL-0121	0	0	0	0	42.0	0	0	0	0
01JBL-0122	0	0	0	0	36.0	0	0	0	0
01JBL-0123	0	0	0	0	34.0	0	0	0	0
01JBL-0124	0	0	0	0	47.9	0	0	0	0
01JBL-0125	0	0	0	0	91.6	0	0	0	0
01JBL-0126	0	0	0	0	74.4	0	0	0	0
01JBL-0127	1	1	0	0	57.3	636	636	0	0
01JBL-0128	0	0	0	0	100.1	0	0	0	0
01JBL-0129	0	0	0	0	34.3	0	0	0	0
01JBL-0130	0	0	0	0	66.6	0	0	0	0
01JBL-0131	0	0	0	0	58.2	0	0	0	0
01JBL-0132	0	0	0	0	33.8	0	0	0	0
01JBL-0133	0	0	0	0	90.2	0	0	0	0
01JBL-0134	0	0	0	0	40.3	0	0	0	0
01JBL-0135	0	0	0	0	133.9	0	0	0	0
01JBL-0136	0	0	0	0	34.3	0	0	0	0
01JBL-0137	0	0	0	0	94.7	0	0	0	0
01JBL-0138	2	2	0	0	106.8	16	16	0	0
01JBL-0139	1	1	0	0	92.3	31	31	0	0
01JBL-0140	1	1	0	0	54.3	12	12	0	0
01JBL-0141	6	6	0	0	118.6	554	554	0	0
01JBL-0144	0	0	0	0	153.9	0	0	0	0
01JBL-0145	0	0	0	0	58.9	0	0	0	0
01JBL-0146	0	0	0	0	118.0	0	0	0	0
01JBL-0147	0	0	0	0	53.3	0	0	0	0
01JBL-0148B	0	0	0	0	74.0	0	0	0	0
01JBL-0153	0	0	0	0	30.4	0	0	0	0
01JBL-0154	0	0	0	0	31.2	0	0	0	0
01JBL-0155	0	0	0	0	77.3	0	0	0	0
01JBL-0157	0	0	0	0	76.5	0	0	0	0
01JBL-0158	0	0	0	0	67.9	0	0	0	0
01JBL-0159	0	0	0	0	61.2	0	0	0	0
01JBL-0160	0	0	0	0	91.1	0	0	0	0
01JBL-0161	0	0	0	0	18.7	0	0	0	0
01JBL-0162	0	0	0	0	37.7	0	0	0	0
01JBL-0163	2	2	0	0	47.0	802	802	0	0
01JBL-0164	0	0	0	0	52.7	0	0	0	0
01JBL-0177	0	0	0	0	32.8	0	0	0	0
01JBL-0178	0	0	0	0	67.9	0	0	0	0
01JBL-0187	0	0	0	0	87.3	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-0188	0	0	0	0	14.7	0	0	0	0
01JBL-0190	0	0	0	0	47.7	0	0	0	0
01JBL-0191	0	0	0	0	115.7	0	0	0	0
01JBL-0192	0	0	0	0	28.4	0	0	0	0
01JBL-0193	0	0	0	0	28.6	0	0	0	0
01JBL-0214	0	0	0	0	43.0	0	0	0	0
01JBL-0215	0	0	0	0	34.0	0	0	0	0
01JBL-0216	0	0	0	0	30.3	0	0	0	0
01JBL-0226	1	1	0	0	23.8	63	63	0	0
01JBL-0227	0	0	0	0	65.6	0	0	0	0
01JBL-0228	0	0	0	0	45.6	0	0	0	0
01JBL-0229	1	1	0	0	71.7	3	3	0	0
01JBL-0239	0	0	0	0	72.6	0	0	0	0
01JBL-0240	0	0	0	0	47.6	0	0	0	0
01JBL-0241	0	0	0	0	5.7	0	0	0	0
01JBL-0242	0	0	0	0	64.5	0	0	0	0
01JBL-0243	0	0	0	0	16.8	0	0	0	0
01JBL-0244	0	0	0	0	26.2	0	0	0	0
01JBL-0245	0	0	0	0	104.7	0	0	0	0
01JBL-0246	0	0	0	0	59.2	0	0	0	0
01JBL-0247	0	0	0	0	62.2	0	0	0	0
01JBL-0248	0	0	0	0	38.4	0	0	0	0
01JBL-0249	0	0	0	0	36.4	0	0	0	0
01JBL-0250	0	0	0	0	158.3	0	0	0	0
01JBL-0251	0	0	0	0	190.3	0	0	0	0
01JBL-0252B	1	1	0	0	37.3	78	78	0	0
01JBL-0253	0	0	0	0	87.7	0	0	0	0
01JBL-0254	0	0	0	0	52.8	0	0	0	0
01JBL-0255	0	0	0	0	98.0	0	0	0	0
01JBL-0256	0	0	0	0	45.4	0	0	0	0
01JBL-0257	1	1	0	0	70.5	14	14	0	0
01JBL-0259	0	0	0	0	19.9	0	0	0	0
01JBL-0260	0	0	0	0	106.3	0	0	0	0
01JBL-0267	0	0	0	0	59.7	0	0	0	0
01JBL-0268	1	0	0	1	24.9	15	0	0	15
01JBL-0269	0	0	0	0	39.4	0	0	0	0
01JBL-0272	0	0	0	0	30.2	0	0	0	0
01JBL-0273	1	1	0	0	155.0	1815	1815	0	0
01JBL-0274	0	0	0	0	73.3	0	0	0	0
01JBL-0275	0	0	0	0	31.6	0	0	0	0
01JBL-0276	0	0	0	0	86.3	0	0	0	0
01JBL-0277	0	0	0	0	63.2	0	0	0	0
01JBL-0278	0	0	0	0	60.3	0	0	0	0
01JBL-0290	0	0	0	0	70.5	0	0	0	0
01JBL-0291	1	1	0	0	38.1	2	2	0	0
01JBL-0292	0	0	0	0	92.7	0	0	0	0
01JBL-0293	1	1	0	0	61.5	6	6	0	0
01JBL-0294	0	0	0	0	83.5	0	0	0	0
01JBL-0295	0	0	0	0	138.5	0	0	0	0
01JBL-0296	0	0	0	0	90.1	0	0	0	0
01JBL-0297	0	0	0	0	88.0	0	0	0	0
01JBL-0298	0	0	0	0	63.8	0	0	0	0
01JBL-0299	0	0	0	0	131.6	0	0	0	0
01JBL-0300	0	0	0	0	54.1	0	0	0	0
01JBL-0318	0	0	0	0	6.6	0	0	0	0
01JBL-0321	0	0	0	0	18.7	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-0322	0	0	0	0	11.2	0	0	0	0
01JBL-0326	0	0	0	0	9.3	0	0	0	0
01JBL-0327	0	0	0	0	13.8	0	0	0	0
01JBL-0333	0	0	0	0	46.7	0	0	0	0
01JBL-0334	0	0	0	0	41.3	0	0	0	0
01JBL-0336	0	0	0	0	60.2	0	0	0	0
01JBL-0337	0	0	0	0	51.6	0	0	0	0
01JBL-0338	0	0	0	0	30.7	0	0	0	0
01JBL-0339	0	0	0	0	104.8	0	0	0	0
01JBL-0340	0	0	0	0	23.3	0	0	0	0
01JBL-0341	0	0	0	0	55.4	0	0	0	0
01JBL-0342	0	0	0	0	58.4	0	0	0	0
01JBL-0343	0	0	0	0	47.4	0	0	0	0
01JBL-0345	0	0	0	0	36.9	0	0	0	0
01JBL-0346	0	0	0	0	58.5	0	0	0	0
01JBL-0347	0	0	0	0	33.1	0	0	0	0
01JBL-0348	1	1	0	0	36.6	1388	1388	0	0
01JBL-0349	1	1	0	0	53.6	71	71	0	0
01JBL-0350A	0	0	0	0	84.7	0	0	0	0
01JBL-0351	0	0	0	0	119.2	0	0	0	0
01JBL-0352	0	0	0	0	56.7	0	0	0	0
01JBL-0353	0	0	0	0	100.2	0	0	0	0
01JBL-0354	0	0	0	0	47.3	0	0	0	0
01JBL-0355	0	0	0	0	29.5	0	0	0	0
01JBL-0356	0	0	0	0	159.4	0	0	0	0
01JBL-0357	1	1	0	0	102.6	61	61	0	0
01JBL-0358	0	0	0	0	26.9	0	0	0	0
01JBL-0359	0	0	0	0	19.5	0	0	0	0
01JBL-0360	0	0	0	0	25.7	0	0	0	0
01JBL-0361	0	0	0	0	33.7	0	0	0	0
01JBL-0363	0	0	0	0	35.2	0	0	0	0
01JBL-0366	0	0	0	0	92.7	0	0	0	0
01JBL-0367	1	1	0	0	48.8	59	59	0	0
01JBL-0368	0	0	0	0	74.0	0	0	0	0
01JBL-0369	0	0	0	0	92.8	0	0	0	0
01JBL-0373	0	0	0	0	99.4	0	0	0	0
01JBL-0374	0	0	0	0	150.6	0	0	0	0
01JBL-0375	0	0	0	0	177.6	0	0	0	0
01JBL-0376	0	0	0	0	57.1	0	0	0	0
01JBL-0378	0	0	0	0	37.5	0	0	0	0
01JBL-0379	0	0	0	0	57.0	0	0	0	0
01JBL-0380	0	0	0	0	59.1	0	0	0	0
01JBL-0381	0	0	0	0	47.1	0	0	0	0
01JBL-0382	0	0	0	0	44.2	0	0	0	0
01JBL-0383	0	0	0	0	105.8	0	0	0	0
01JBL-0384	0	0	0	0	46.0	0	0	0	0
01JBL-0386	0	0	0	0	71.5	0	0	0	0
01JBL-0387	0	0	0	0	58.2	0	0	0	0
01JBL-0388	0	0	0	0	80.8	0	0	0	0
01JBL-0389	0	0	0	0	33.9	0	0	0	0
01JBL-0395	0	0	0	0	60.8	0	0	0	0
01JBL-0396	0	0	0	0	72.5	0	0	0	0
01JBL-0397	0	0	0	0	126.3	0	0	0	0
01JBL-0398	0	0	0	0	68.1	0	0	0	0
01JBL-0399	0	0	0	0	110.4	0	0	0	0
01JBL-0400	0	0	0	0	35.5	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-0401	0	0	0	0	34.8	0	0	0	0
01JBL-0402	0	0	0	0	31.8	0	0	0	0
01JBL-0403	0	0	0	0	31.7	0	0	0	0
01JBL-0404	0	0	0	0	145.1	0	0	0	0
01JBL-0405	0	0	0	0	91.3	0	0	0	0
01JBL-0406	0	0	0	0	46.9	0	0	0	0
01JBL-0417	0	0	0	0	67.6	0	0	0	0
01JBL-0418	0	0	0	0	21.0	0	0	0	0
01JBL-0419	0	0	0	0	39.7	0	0	0	0
01JBL-0420	0	0	0	0	23.7	0	0	0	0
01JBL-0422	0	0	0	0	29.7	0	0	0	0
01JBL-0423	0	0	0	0	42.0	0	0	0	0
01JBL-0424	1	1	0	0	25.5	1	1	0	0
01JBL-0425	0	0	0	0	30.2	0	0	0	0
01JBL-0426	0	0	0	0	28.5	0	0	0	0
01JBL-0427	0	0	0	0	30.8	0	0	0	0
01JBL-0428	0	0	0	0	4.5	0	0	0	0
01JBL-0429	0	0	0	0	27.4	0	0	0	0
01JBL-0431	0	0	0	0	71.1	0	0	0	0
01JBL-0432	1	1	0	0	84.1	25	25	0	0
01JBL-0433	0	0	0	0	144.6	0	0	0	0
01JBL-0434	1	1	0	0	42.3	50	50	0	0
01JBL-0435	0	0	0	0	27.1	0	0	0	0
01JBL-0437	2	2	0	0	105.4	276	276	0	0
01JBL-0438	1	1	0	0	31.6	12	12	0	0
01JBL-0439	0	0	0	0	42.3	0	0	0	0
01JBL-0442	1	1	0	0	107.8	9	9	0	0
01JBL-0447	0	0	0	0	44.6	0	0	0	0
01JBL-0448	0	0	0	0	44.3	0	0	0	0
01JBL-0449	1	1	0	0	87.1	109	109	0	0
01JBL-0450	0	0	0	0	47.4	0	0	0	0
01JBL-0451	0	0	0	0	97.5	0	0	0	0
01JBL-0452	0	0	0	0	58.3	0	0	0	0
01JBL-0453	2	2	0	0	204.1	54	54	0	0
01JBL-0454	0	0	0	0	53.6	0	0	0	0
01JBL-0455	0	0	0	0	42.9	0	0	0	0
01JBL-0456	0	0	0	0	29.5	0	0	0	0
01JBL-0457	0	0	0	0	42.0	0	0	0	0
01JBL-0458	1	1	0	0	37.2	17	17	0	0
01JBL-0459	0	0	0	0	107.1	0	0	0	0
01JBL-0461	0	0	0	0	79.2	0	0	0	0
01JBL-0462	0	0	0	0	24.7	0	0	0	0
01JBL-0463	0	0	0	0	45.2	0	0	0	0
01JBL-0464	0	0	0	0	37.1	0	0	0	0
01JBL-0465	0	0	0	0	63.1	0	0	0	0
01JBL-0466	0	0	0	0	67.8	0	0	0	0
01JBL-0480	0	0	0	0	57.0	0	0	0	0
01JBL-0481	1	1	0	0	174.7	36	36	0	0
01JBL-0482	0	0	0	0	53.2	0	0	0	0
01JBL-0484	0	0	0	0	62.4	0	0	0	0
01JBL-0485	1	1	0	0	188.4	2	2	0	0
01JBL-0486	0	0	0	0	59.7	0	0	0	0
01JBL-0487	0	0	0	0	33.7	0	0	0	0
01JBL-0488	0	0	0	0	43.4	0	0	0	0
01JBL-0489	0	0	0	0	30.5	0	0	0	0
01JBL-0490	0	0	0	0	29.9	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-0491	0	0	0	0	36.2	0	0	0	0
01JBL-0494	0	0	0	0	43.3	0	0	0	0
01JBL-0496	0	0	0	0	91.3	0	0	0	0
01JBL-0498	1	1	0	0	34.9	1044	1044	0	0
01JBL-0499	0	0	0	0	65.2	0	0	0	0
01JBL-0500	0	0	0	0	85.9	0	0	0	0
01JBL-0501	0	0	0	0	6.6	0	0	0	0
01JBL-0502	0	0	0	0	67.9	0	0	0	0
01JBL-0503	1	1	0	0	89.1	55	55	0	0
01JBL-0504	0	0	0	0	34.6	0	0	0	0
01JBL-0505	1	1	0	0	189.6	33	33	0	0
01JBL-0506	0	0	0	0	67.3	0	0	0	0
01JBL-0507	0	0	0	0	127.8	0	0	0	0
01JBL-0508	0	0	0	0	64.1	0	0	0	0
01JBL-0509	0	0	0	0	72.0	0	0	0	0
01JBL-0510	0	0	0	0	18.0	0	0	0	0
01JBL-0511	0	0	0	0	124.3	0	0	0	0
01JBL-0512	0	0	0	0	106.3	0	0	0	0
01JBL-0513	0	0	0	0	107.4	0	0	0	0
01JBL-0514	0	0	0	0	53.8	0	0	0	0
01JBL-0518	0	0	0	0	56.2	0	0	0	0
01JBL-0519	0	0	0	0	89.0	0	0	0	0
01JBL-0520	0	0	0	0	33.6	0	0	0	0
01JBL-0521	0	0	0	0	81.8	0	0	0	0
01JBL-0522	0	0	0	0	63.2	0	0	0	0
01JBL-0523	0	0	0	0	31.9	0	0	0	0
01JBL-0524	0	0	0	0	27.1	0	0	0	0
01JBL-0535	0	0	0	0	106.2	0	0	0	0
01JBL-0537	0	0	0	0	30.5	0	0	0	0
01JBL-0549	0	0	0	0	31.5	0	0	0	0
01JBL-0550	0	0	0	0	44.9	0	0	0	0
01JBL-0551	0	0	0	0	65.6	0	0	0	0
01JBL-0552	0	0	0	0	199.6	0	0	0	0
01JBL-0553	0	0	0	0	130.9	0	0	0	0
01JBL-0554	0	0	0	0	76.3	0	0	0	0
01JBL-0555	0	0	0	0	40.6	0	0	0	0
01JBL-0556	0	0	0	0	42.5	0	0	0	0
01JBL-0557	0	0	0	0	51.7	0	0	0	0
01JBL-0558	0	0	0	0	147.8	0	0	0	0
01JBL-0559	0	0	0	0	197.7	0	0	0	0
01JBL-0560	1	1	0	0	62.9	1073	1073	0	0
01JBL-0561	0	0	0	0	52.8	0	0	0	0
01JBL-0562	0	0	0	0	27.6	0	0	0	0
01JBL-0563	0	0	0	0	86.1	0	0	0	0
01JBL-0564	0	0	0	0	118.5	0	0	0	0
01JBL-0575	0	0	0	0	50.7	0	0	0	0
01JBL-0576	0	0	0	0	140.6	0	0	0	0
01JBL-0577	0	0	0	0	124.9	0	0	0	0
01JBL-0578	0	0	0	0	44.4	0	0	0	0
01JBL-0579	0	0	0	0	106.8	0	0	0	0
01JBL-0580	2	2	0	0	94.4	75	75	0	0
01JBL-0581	4	4	0	0	164.8	13	13	0	0
01JBL-0597	0	0	0	0	26.4	0	0	0	0
01JBL-0598	0	0	0	0	187.5	0	0	0	0
01JBL-0599	0	0	0	0	102.2	0	0	0	0
01JBL-0604	0	0	0	0	63.0	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-0605	0	0	0	0	66.8	0	0	0	0
01JBL-0606	0	0	0	0	70.6	0	0	0	0
01JBL-0607	0	0	0	0	36.1	0	0	0	0
01JBL-0611	2	2	0	0	75.5	5	5	0	0
01JBL-0612	0	0	0	0	98.2	0	0	0	0
01JBL-0613	0	0	0	0	81.6	0	0	0	0
01JBL-0614	0	0	0	0	71.6	0	0	0	0
01JBL-0615	0	0	0	0	83.3	0	0	0	0
01JBL-0616	0	0	0	0	121.3	0	0	0	0
01JBL-0617	0	0	0	0	46.8	0	0	0	0
01JBL-0618	0	0	0	0	183.7	0	0	0	0
01JBL-0619	0	0	0	0	65.5	0	0	0	0
01JBL-0620	0	0	0	0	94.5	0	0	0	0
01JBL-0621	0	0	0	0	106.0	0	0	0	0
01JBL-0622	0	0	0	0	127.4	0	0	0	0
01JBL-0623	1	1	0	0	109.9	146	146	0	0
01JBL-0624	0	0	0	0	99.7	0	0	0	0
01JBL-0625	0	0	0	0	30.0	0	0	0	0
01JBL-0626	0	0	0	0	130.5	0	0	0	0
01JBL-0627	0	0	0	0	232.2	0	0	0	0
01JBL-0630	0	0	0	0	157.9	0	0	0	0
01JBL-0635	0	0	0	0	48.7	0	0	0	0
01JBL-0648	0	0	0	0	72.7	0	0	0	0
01JBL-0649	0	0	0	0	54.9	0	0	0	0
01JBL-0650	0	0	0	0	52.0	0	0	0	0
01JBL-0652	0	0	0	0	45.4	0	0	0	0
01JBL-0653	0	0	0	0	89.5	0	0	0	0
01JBL-0654	0	0	0	0	34.5	0	0	0	0
01JBL-0655	0	0	0	0	46.9	0	0	0	0
01JBL-0656	2	2	0	0	148.3	9	9	0	0
01JBL-0657	0	0	0	0	90.0	0	0	0	0
01JBL-0658	1	1	0	0	70.6	0	0	0	0
01JBL-0659	0	0	0	0	49.8	0	0	0	0
01JBL-0660	0	0	0	0	30.4	0	0	0	0
01JBL-0669	2	2	0	0	118.6	6	6	0	0
01JBL-0670	2	2	0	0	163.2	3	3	0	0
01JBL-0671	1	1	0	0	55.2	12	12	0	0
01JBL-0672	0	0	0	0	91.8	0	0	0	0
01JBL-0673	0	0	0	0	56.3	0	0	0	0
01JBL-0674	1	1	0	0	49.5	13	13	0	0
01JBL-0675	0	0	0	0	67.8	0	0	0	0
01JBL-0676	0	0	0	0	83.4	0	0	0	0
01JBL-0677	2	2	0	0	81.3	17	17	0	0
01JBL-0678	2	2	0	0	106.5	8	8	0	0
01JBL-0679	0	0	0	0	149.0	0	0	0	0
01JBL-0680	1	1	0	0	216.9	2	2	0	0
01JBL-0681	0	0	0	0	84.5	0	0	0	0
01JBL-0682	0	0	0	0	72.1	0	0	0	0
01JBL-0683	0	0	0	0	64.0	0	0	0	0
01JBL-0684	0	0	0	0	42.9	0	0	0	0
01JBL-0685	0	0	0	0	38.6	0	0	0	0
01JBL-0686	0	0	0	0	52.8	0	0	0	0
01JBL-0687	0	0	0	0	53.6	0	0	0	0
01JBL-0688	0	0	0	0	49.2	0	0	0	0
01JBL-0689	0	0	0	0	47.2	0	0	0	0
01JBL-0690	3	3	0	0	61.3	27	27	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-0691	0	0	0	0	54.1	0	0	0	0
01JBL-0717	0	0	0	0	9.5	0	0	0	0
01JBL-0718	0	0	0	0	116.2	0	0	0	0
01JBL-0719	0	0	0	0	25.0	0	0	0	0
01JBL-0720	0	0	0	0	45.0	0	0	0	0
01JBL-0834	0	0	0	0	32.3	0	0	0	0
01JBL-0840	0	0	0	0	67.5	0	0	0	0
01JBL-0841	0	0	0	0	175.5	0	0	0	0
01JBL-0842	0	0	0	0	58.5	0	0	0	0
01JBL-0844	0	0	0	0	43.1	0	0	0	0
01JBL-0845	0	0	0	0	83.4	0	0	0	0
01JBL-0846	0	0	0	0	105.0	0	0	0	0
01JBL-0847	0	0	0	0	60.4	0	0	0	0
01JBL-0848	0	0	0	0	23.4	0	0	0	0
01JBL-0849	0	0	0	0	98.7	0	0	0	0
01JBL-0850	0	0	0	0	108.7	0	0	0	0
01JBL-0851	0	0	0	0	19.9	0	0	0	0
01JBL-0852	0	0	0	0	162.5	0	0	0	0
01JBL-0853	0	0	0	0	17.1	0	0	0	0
01JBL-0854	0	0	0	0	58.8	0	0	0	0
01JBL-0855	0	0	0	0	60.7	0	0	0	0
01JBL-0856	2	1	0	1	87.1	6	4	0	2
01JBL-0857	0	0	0	0	76.5	0	0	0	0
01JBL-0858	0	0	0	0	50.9	0	0	0	0
01JBL-0860	2	2	0	0	135.5	18	18	0	0
01JBL-0861	0	0	0	0	117.8	0	0	0	0
01JBL-0862	0	0	0	0	169.0	0	0	0	0
01JBL-0864	0	0	0	0	97.9	0	0	0	0
01JBL-0865	5	5	0	0	147.5	36	36	0	0
01JBL-0878	0	0	0	0	23.3	0	0	0	0
01JBL-0880	0	0	0	0	133.2	0	0	0	0
01JBL-0881	0	0	0	0	106.7	0	0	0	0
01JBL-0882	0	0	0	0	80.4	0	0	0	0
01JBL-0883	0	0	0	0	257.5	0	0	0	0
01JBL-0884	0	0	0	0	78.2	0	0	0	0
01JBL-0885	0	0	0	0	18.0	0	0	0	0
01JBL-0886	0	0	0	0	89.4	0	0	0	0
01JBL-0887	0	0	0	0	113.5	0	0	0	0
01JBL-0888	1	1	0	0	102.6	15	15	0	0
01JBL-0889	1	1	0	0	52.9	19	19	0	0
01JBL-0891	0	0	0	0	91.4	0	0	0	0
01JBL-0892	1	0	1	0	162.2	18	0	18	0
01JBL-0893	0	0	0	0	99.2	0	0	0	0
01JBL-0894	0	0	0	0	62.9	0	0	0	0
01JBL-0895	0	0	0	0	158.2	0	0	0	0
01JBL-0896	1	1	0	0	73.6	14	14	0	0
01JBL-0897	0	0	0	0	114.6	0	0	0	0
01JBL-0898	0	0	0	0	82.4	0	0	0	0
01JBL-0899	2	2	0	0	154.5	12	12	0	0
01JBL-0900	0	0	0	0	74.6	0	0	0	0
01JBL-0901	0	0	0	0	26.2	0	0	0	0
01JBL-0902	0	0	0	0	102.2	0	0	0	0
01JBL-0903	0	0	0	0	61.9	0	0	0	0
01JBL-0905	0	0	0	0	16.9	0	0	0	0
01JBL-0906	0	0	0	0	34.3	0	0	0	0
01JBL-0907	0	0	0	0	54.1	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-0908B	1	1	0	0	54.6	7	7	0	0
01JBL-0915	0	0	0	0	38.4	0	0	0	0
01JBL-0916	0	0	0	0	43.0	0	0	0	0
01JBL-0918	0	0	0	0	73.7	0	0	0	0
01JBL-0919	0	0	0	0	32.6	0	0	0	0
01JBL-0920	0	0	0	0	62.7	0	0	0	0
01JBL-0921	0	0	0	0	63.8	0	0	0	0
01JBL-0922	0	0	0	0	28.6	0	0	0	0
01JBL-0923	4	4	0	0	152.2	5	5	0	0
01JBL-0925	0	0	0	0	63.1	0	0	0	0
01JBL-0926	0	0	0	0	41.4	0	0	0	0
01JBL-0927	0	0	0	0	32.3	0	0	0	0
01JBL-0929	0	0	0	0	48.0	0	0	0	0
01JBL-0930	0	0	0	0	43.8	0	0	0	0
01JBL-0931	0	0	0	0	97.1	0	0	0	0
01JBL-0932	0	0	0	0	43.4	0	0	0	0
01JBL-0933	0	0	0	0	62.0	0	0	0	0
01JBL-0934	0	0	0	0	37.2	0	0	0	0
01JBL-0935	0	0	0	0	43.9	0	0	0	0
01JBL-0936	0	0	0	0	49.9	0	0	0	0
01JBL-0937	0	0	0	0	17.8	0	0	0	0
01JBL-0938	0	0	0	0	60.8	0	0	0	0
01JBL-0939	0	0	0	0	54.1	0	0	0	0
01JBL-0940	0	0	0	0	47.1	0	0	0	0
01JBL-0941	0	0	0	0	85.2	0	0	0	0
01JBL-0942	0	0	0	0	62.7	0	0	0	0
01JBL-0943	0	0	0	0	77.3	0	0	0	0
01JBL-0944	0	0	0	0	111.6	0	0	0	0
01JBL-0945	1	1	0	0	52.0	41	41	0	0
01JBL-0946	0	0	0	0	11.6	0	0	0	0
01JBL-0947	0	0	0	0	45.8	0	0	0	0
01JBL-0948	0	0	0	0	48.7	0	0	0	0
01JBL-0949	0	0	0	0	75.3	0	0	0	0
01JBL-0950	0	0	0	0	28.9	0	0	0	0
01JBL-0951	0	0	0	0	38.3	0	0	0	0
01JBL-0952	0	0	0	0	44.0	0	0	0	0
01JBL-0953	0	0	0	0	50.4	0	0	0	0
01JBL-0954	0	0	0	0	34.4	0	0	0	0
01JBL-0955B	0	0	0	0	8.3	0	0	0	0
01JBL-0956B	0	0	0	0	4.1	0	0	0	0
01JBL-0957B	0	0	0	0	28.7	0	0	0	0
01JBL-0959	0	0	0	0	60.2	0	0	0	0
01JBL-0960	0	0	0	0	38.4	0	0	0	0
01JBL-0961	0	0	0	0	89.3	0	0	0	0
01JBL-0962	0	0	0	0	88.4	0	0	0	0
01JBL-0963	0	0	0	0	53.6	0	0	0	0
01JBL-0971	0	0	0	0	49.4	0	0	0	0
01JBL-0972	0	0	0	0	19.6	0	0	0	0
01JBL-0973	0	0	0	0	54.8	0	0	0	0
01JBL-0974	0	0	0	0	31.2	0	0	0	0
01JBL-0975	0	0	0	0	32.8	0	0	0	0
01JBL-0976	0	0	0	0	45.4	0	0	0	0
01JBL-0977	1	1	0	0	77.9	13	13	0	0
01JBL-0978	0	0	0	0	64.3	0	0	0	0
01JBL-0979	0	0	0	0	33.8	0	0	0	0
01JBL-0980	0	0	0	0	63.6	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-0981	0	0	0	0	85.0	0	0	0	0
01JBL-0982	0	0	0	0	44.6	0	0	0	0
01JBL-0984	0	0	0	0	42.6	0	0	0	0
01JBL-0986	0	0	0	0	81.9	0	0	0	0
01JBL-0987	0	0	0	0	46.5	0	0	0	0
01JBL-0994	0	0	0	0	20.6	0	0	0	0
01JBL-0995	0	0	0	0	63.6	0	0	0	0
01JBL-0996	0	0	0	0	36.3	0	0	0	0
01JBL-0997	0	0	0	0	29.5	0	0	0	0
01JBL-0998	0	0	0	0	91.0	0	0	0	0
01JBL-0999	0	0	0	0	48.2	0	0	0	0
01JBL-1001	0	0	0	0	72.8	0	0	0	0
01JBL-1002	0	0	0	0	48.6	0	0	0	0
01JBL-1003	0	0	0	0	151.5	0	0	0	0
01JBL-1004	1	1	0	0	82.3	60	60	0	0
01JBL-1005	0	0	0	0	115.5	0	0	0	0
01JBL-1006	0	0	0	0	69.2	0	0	0	0
01JBL-1007	0	0	0	0	103.1	0	0	0	0
01JBL-1008	0	0	0	0	64.2	0	0	0	0
01JBL-1009	0	0	0	0	74.9	0	0	0	0
01JBL-1010	0	0	0	0	35.0	0	0	0	0
01JBL-1011	0	0	0	0	71.3	0	0	0	0
01JBL-1033	0	0	0	0	32.2	0	0	0	0
01JBL-1034	0	0	0	0	56.4	0	0	0	0
01JBL-1035	0	0	0	0	92.5	0	0	0	0
01JBL-1036	0	0	0	0	14.2	0	0	0	0
01JBL-1037	0	0	0	0	22.8	0	0	0	0
01JBL-1038	1	1	0	0	40.9	52	52	0	0
01JBL-1039	0	0	0	0	101.4	0	0	0	0
01JBL-1040	0	0	0	0	59.4	0	0	0	0
01JBL-1041	0	0	0	0	73.8	0	0	0	0
01JBL-1042	1	1	0	0	234.5	3	3	0	0
01JBL-1043	0	0	0	0	136.8	0	0	0	0
01JBL-1044	1	1	0	0	68.0	5	5	0	0
01JBL-1045	0	0	0	0	28.4	0	0	0	0
01JBL-1046	0	0	0	0	76 7	0	0	0	0
01JBL-1047	0	0	0	0	85.8	0	0	0	0
01JBL-1048	0	0	0	0	32.4	0	0	0	0
01JBL-1049	1	1	0	0	188.2	0	0	0	0
01JBL-1052	0	0	0	0	112.2	0	0	0	0
01JBL-1056	0	0	0	0	119.0	0	0	0	0
01JBL-1057	0	0	0	0	133.0	0	0	0	0
01JBL-1058	0	0	0	0	388.2	0	0	0	0
01JBL-1092	0	0	0	0	67.5	0	0	0	0
01JBL-1093	0	0	0	0	19.8	0	0	0	0
01JBL-1094	0	0	0	0	56.5	0	0	0	0
01JBL-1095	0	0	0	0	96.3	0	0	0	0
01JBL-1104	0	0	0	0	61.4	0	0	0	0
01JBL-1111	0	0	0	0	15.2	0	0	0	0
01JBL-1112	0	0	0	0	184.7	0	0	0	0
01JBL-1113	0	0	0	0	92.1	0	0	0	0
01JBL-1114	2	2	0	0	240.3	13	13	0	0
01JBL-1115	0	0	0	0	63.9	0	0	0	0
01JBL-1116	0	0	0	0	76.3	0	0	0	0
01JBL-1117	0	0	0	0	70.9	0	0	0	0
01JBL-1118	0	0	0	0	107.5	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-1119	2	2	0	0	97.1	51	51	0	0
01JBL-1120	0	0	0	0	51.6	0	0	0	0
01JBL-1121	0	0	0	0	21.2	0	0	0	0
01JBL-1122	0	0	0	0	81.1	0	0	0	0
01JBL-1123	0	0	0	0	64.5	0	0	0	0
01JBL-1124	0	0	0	0	114.9	0	0	0	0
01JBL-1125	0	0	0	0	52.8	0	0	0	0
01JBL-1126	0	0	0	0	107.2	0	0	0	0
01JBL-1131	0	0	0	0	108.3	0	0	0	0
01JBL-1145	0	0	0	0	32.0	0	0	0	0
01JBL-1147	0	0	0	0	1.6	0	0	0	0
01JBL-1148	0	0	0	0	16.2	0	0	0	0
01JBL-1149	0	0	0	0	31.2	0	0	0	0
01JBL-1178	0	0	0	0	134.3	0	0	0	0
01JBL-1181	0	0	0	0	154.7	0	0	0	0
01JBL-1183	0	0	0	0	42.7	0	0	0	0
01JBL-1184	0	0	0	0	21.6	0	0	0	0
01JBL-1190	0	0	0	0	64.7	0	0	0	0
01JBL-1191	0	0	0	0	30.8	0	0	0	0
01JBL-1193	0	0	0	0	56.0	0	0	0	0
01JBL-1194	0	0	0	0	38.6	0	0	0	0
01JBL-1195	0	0	0	0	51.2	0	0	0	0
01JBL-1196	0	0	0	0	90.8	0	0	0	0
01JBL-1197	0	0	0	0	51.3	0	0	0	0
01JBL-1198	0	0	0	0	17.3	0	0	0	0
01JBL-1199	0	0	0	0	138.6	0	0	0	0
01JBL-1200	0	0	0	0	92.3	0	0	0	0
01JBL-1201	0	0	0	0	91.3	0	0	0	0
01JBL-1202	0	0	0	0	84.3	0	0	0	0
01JBL-1203	0	0	0	0	83.3	0	0	0	0
01JBL-1204	0	0	0	0	98.2	0	0	0	0
01JBL-1205	0	0	0	0	64.6	0	0	0	0
01JBL-1206	0	0	0	0	81.5	0	0	0	0
01JBL-1210	0	0	0	0	103.9	0	0	0	0
01JBL-1211	0	0	0	0	105.0	0	0	0	0
01JBL-1219	0	0	0	0	39.1	0	0	0	0
01JBL-1220	0	0	0	0	63.9	0	0	0	0
01JBL-1222	0	0	0	0	13.8	0	0	0	0
01JBL-1223	0	0	0	0	70.6	0	0	0	0
01JBL-1225	0	0	0	0	68.9	0	0	0	0
01JBL-1226	0	0	0	0	53.1	0	0	0	0
01JBL-1231	0	0	0	0	28.5	0	0	0	0
01JBL-2501	0	0	0	0	66.5	0	0	0	0
01JBL-2502	0	0	0	0	85.0	0	0	0	0
01JBL-2503	0	0	0	0	58.1	0	0	0	0
01JBL-2504	0	0	0	0	36.7	0	0	0	0
01JBL-2505	0	0	0	0	47.7	0	0	0	0
01JBL-2506	0	0	0	0	152.1	0	0	0	0
01JBL-2507	2	2	0	0	97.0	5	5	0	0
01JBL-2508	0	0	0	0	84.4	0	0	0	0
01JBL-2509	0	0	0	0	76.2	0	0	0	0
01JBL-2510	0	0	0	0	39.7	0	0	0	0
01JBL-2511	0	0	0	0	35.1	0	0	0	0
01JBL-2512	0	0	0	0	134.7	0	0	0	0
01JBL-2513	0	0	0	0	79.6	0	0	0	0
01JBL-2514	0	0	0	0	34.8	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-2515	0	0	0	0	51.2	0	0	0	0
01JBL-2516	0	0	0	0	41.5	0	0	0	0
01JBL-2517	0	0	0	0	33.3	0	0	0	0
01JBL-2518	0	0	0	0	24.9	0	0	0	0
01JBL-2519	0	0	0	0	53.0	0	0	0	0
01JBL-2520	0	0	0	0	19.0	0	0	0	0
01JBL-2521	0	0	0	0	100.4	0	0	0	0
01JBL-2522	0	0	0	0	25.0	0	0	0	0
01JBL-2523	0	0	0	0	217.2	0	0	0	0
01JBL-2524	0	0	0	0	68.1	0	0	0	0
01JBL-2525	0	0	0	0	72.5	0	0	0	0
01JBL-2532	0	0	0	0	28.9	0	0	0	0
01JBL-2533	0	0	0	0	21.6	0	0	0	0
01JBL-2535	0	0	0	0	45.1	0	0	0	0
01JBL-2538	0	0	0	0	91.8	0	0	0	0
01JBL-2539	1	1	0	0	111.5	9	9	0	0
01JBL-2540	0	0	0	0	47.5	0	0	0	0
01JBL-2543	0	0	0	0	68.3	0	0	0	0
01JBL-2550	0	0	0	0	52.3	0	0	0	0
01JBL-2552	0	0	0	0	125.3	0	0	0	0
01JBL-2553	0	0	0	0	75.6	0	0	0	0
01JBL-2554	0	0	0	0	31.1	0	0	0	0
01JBL-2556	0	0	0	0	122.8	0	0	0	0
01JBL-2557	0	0	0	0	195.0	0	0	0	0
01JBL-2558	0	0	0	0	102.6	0	0	0	0
01JBL-2559	0	0	0	0	181.6	0	0	0	0
01JBL-2560	0	0	0	0	117.1	0	0	0	0
01JBL-2561	0	0	0	0	89.9	0	0	0	0
01JBL-2563	0	0	0	0	72.3	0	0	0	0
01JBL-2564	0	0	0	0	61.6	0	0	0	0
01JBL-2566	1	1	0	0	127.6	1176	1176	0	0
01JBL-2570	0	0	0	0	68.4	0	0	0	0
01JBL-2571	0	0	0	0	87.1	0	0	0	0
01JBL-2572	0	0	0	0	119.2	0	0	0	0
01JBL-2573	0	0	0	0	10.1	0	0	0	0
01JBL-2574	0	0	0	0	103.1	0	0	0	0
01JBL-2575	0	0	0	0	82.3	0	0	0	0
01JBL-2576	0	0	0	0	22.4	0	0	0	0
01JBL-2577	0	0	0	0	59.3	0	0	0	0
01JBL-2578	0	0	0	0	48.0	0	0	0	0
01JBL-2579	0	0	0	0	45.1	0	0	0	0
01JBL-2580	0	0	0	0	75.3	0	0	0	0
01JBL-2581	0	0	0	0	118.3	0	0	0	0
01JBL-2582	0	0	0	0	17.2	0	0	0	0
01JBL-2585	0	0	0	0	115.0	0	0	0	0
01JBL-2586	0	0	0	0	32.7	0	0	0	0
01JBL-2587	0	0	0	0	30.6	0	0	0	0
01JBL-2588	0	0	0	0	168.4	0	0	0	0
01JBL-2589	0	0	0	0	121.9	0	0	0	0
01JBL-2592	2	2	0	0	135.3	3	3	0	0
01JBL-2593	0	0	0	0	120.8	0	0	0	0
01JBL-2594	0	0	0	0	86.7	0	0	0	0
01JBL-2596	4	3	1	0	121.9	12	12	0	0
01JBL-2597	0	0	0	0	73.5	0	0	0	0
01JBL-2598	3	3	0	0	72.1	50	50	0	0
01JBL-2599	1	1	0	0	96.0	16	16	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-2600	0	0	0	0	100.5	0	0	0	0
01JBL-2601	0	0	0	0	115.5	0	0	0	0
01JBL-2602	0	0	0	0	85.7	0	0	0	0
01JBL-2603	0	0	0	0	108.8	0	0	0	0
01JBL-2604	0	0	0	0	66.5	0	0	0	0
01JBL-2605	0	0	0	0	86.2	0	0	0	0
01JBL-2606	0	0	0	0	71.8	0	0	0	0
01JBL-2607	0	0	0	0	152.6	0	0	0	0
01JBL-2608	0	0	0	0	252.3	0	0	0	0
01JBL-2609	0	0	0	0	165.0	0	0	0	0
01JBL-2610	0	0	0	0	114.3	0	0	0	0
01JBL-2611	0	0	0	0	101.9	0	0	0	0
01JBL-2612	0	0	0	0	89.1	0	0	0	0
01JBL-2613	1	1	0	0	81.1	12	12	0	0
01JBL-2614	0	0	0	0	154.1	0	0	0	0
01JBL-2615	0	0	0	0	126.2	0	0	0	0
01JBL-2616	1	1	0	0	166.3	6	6	0	0
01JBL-2617	0	0	0	0	58.7	0	0	0	0
01JBL-2618	0	0	0	0	90.8	0	0	0	0
01JBL-2619	0	0	0	0	227.9	0	0	0	0
01JBL-2620	0	0	0	0	20.6	0	0	0	0
01JBL-2621	0	0	0	0	131.2	0	0	0	0
01JBL-2622	0	0	0	0	77.3	0	0	0	0
01JBL-2623	0	0	0	0	172.2	0	0	0	0
01JBL-2624	0	0	0	0	28.1	0	0	0	0
01JBL-2625	2	2	0	0	222.6	8	8	0	0
01JBL-2626	0	0	0	0	41.9	0	0	0	0
01JBL-2635	0	0	0	0	12.7	0	0	0	0
01JBL-2636	0	0	0	0	99.2	0	0	0	0
01JBL-2637	0	0	0	0	76.4	0	0	0	0
01JBL-2638	0	0	0	0	33.4	0	0	0	0
01JBL-2639	0	0	0	0	90.9	0	0	0	0
01JBL-2640	0	0	0	0	177.9	0	0	0	0
01JBL-2641	0	0	0	0	162.8	0	0	0	0
01JBL-2643	0	0	0	0	62.1	0	0	0	0
01JBL-2644	0	0	0	0	69.5	0	0	0	0
01JBL-2645	0	0	0	0	56.0	0	0	0	0
01JBL-2646	0	0	0	0	44.9	0	0	0	0
01JBL-2647	0	0	0	0	57.7	0	0	0	0
01JBL-2648	0	0	0	0	115.3	0	0	0	0
01JBL-2649	0	0	0	0	200.7	0	0	0	0
01JBL-2651	0	0	0	0	39.6	0	0	0	0
01JBL-2652	0	0	0	0	57.1	0	0	0	0
01JBL-2658	0	0	0	0	47.5	0	0	0	0
01JBL-2659	0	0	0	0	26.9	0	0	0	0
01JBL-2660	0	0	0	0	26.8	0	0	0	0
01JBL-2661	0	0	0	0	28.9	0	0	0	0
01JBL-2668	0	0	0	0	78.8	0	0	0	0
01JBL-2669	0	0	0	0	35.4	0	0	0	0
01JBL-2670	0	0	0	0	110.4	0	0	0	0
01JBL-2671	0	0	0	0	80.2	0	0	0	0
01JBL-2672	0	0	0	0	91.4	0	0	0	0
01JBL-2673	0	0	0	0	39.6	0	0	0	0
01JBL-2674	0	0	0	0	199.7	0	0	0	0
01JBL-2675	0	0	0	0	16.8	0	0	0	0
01JBL-2677	0	0	0	0	41.8	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-2680	0	0	0	0	254.5	0	0	0	0
01JBL-2681	0	0	0	0	34.7	0	0	0	0
01JBL-2682	0	0	0	0	60.5	0	0	0	0
01JBL-2683	0	0	0	0	62.2	0	0	0	0
01JBL-2684	0	0	0	0	103.2	0	0	0	0
01JBL-2685	0	0	0	0	131.8	0	0	0	0
01JBL-2686	0	0	0	0	179.1	0	0	0	0
01JBL-2687	0	0	0	0	88.4	0	0	0	0
01JBL-2688	0	0	0	0	91.4	0	0	0	0
01JBL-2689	0	0	0	0	70.0	0	0	0	0
01JBL-2690	0	0	0	0	150.5	0	0	0	0
01JBL-2691	3	3	0	0	192.4	27	27	0	0
01JBL-2692	0	0	0	0	46.2	0	0	0	0
01JBL-2693	0	0	0	0	95.1	0	0	0	0
01JBL-2694	1	1	0	0	96.0	16	16	0	0
01JBL-2695	0	0	0	0	114.4	0	0	0	0
01JBL-2696	1	1	0	0	107.8	14	14	0	0
01JBL-2697	0	0	0	0	273.4	0	0	0	0
01JBL-2698	0	0	0	0	305.1	0	0	0	0
01JBL-2699	0	0	0	0	59.1	0	0	0	0
01JBL-2700	0	0	0	0	351.7	0	0	0	0
01JBL-2701	0	0	0	0	114.6	0	0	0	0
01JBL-2702	0	0	0	0	86.3	0	0	0	0
01JBL-2703	0	0	0	0	115.6	0	0	0	0
01JBL-2705	0	0	0	0	81.0	0	0	0	0
01JBL-2706	0	0	0	0	65.9	0	0	0	0
01JBL-2707	0	0	0	0	58.0	0	0	0	0
01JBL-2708	0	0	0	0	33.9	0	0	0	0
01JBL-2709	0	0	0	0	270.0	0	0	0	0
01JBL-2710	0	0	0	0	135.6	0	0	0	0
01JBL-2711	0	0	0	0	71.3	0	0	0	0
01JBL-2712	0	0	0	0	80.3	0	0	0	0
01JBL-2713	0	0	0	0	94.5	0	0	0	0
01JBL-2714	0	0	0	0	106.3	0	0	0	0
01JBL-2715	0	0	0	0	79.4	0	0	0	0
01JBL-2718	0	0	0	0	115.6	0	0	0	0
01JBL-2723	0	0	0	0	44.0	0	0	0	0
01JBL-2729	0	0	0	0	81.0	0	0	0	0
01JBL-2730	0	0	0	0	108.0	0	0	0	0
01JBL-2731	0	0	0	0	22.5	0	0	0	0
01JBL-2732	0	0	0	0	123.7	0	0	0	0
01JBL-2733	0	0	0	0	4.5	0	0	0	0
01JBL-2734	0	0	0	0	51.9	0	0	0	0
01JBL-2735	0	0	0	0	111.8	0	0	0	0
01JBL-2736	0	0	0	0	118.8	0	0	0	0
01JBL-2737	0	0	0	0	68.4	0	0	0	0
01JBL-2738	0	0	0	0	175.8	0	0	0	0
01JBL-2739	0	0	0	0	118.4	0	0	0	0
01JBL-2740	0	0	0	0	142.9	0	0	0	0
01JBL-2741	0	0	0	0	36.5	0	0	0	0
01JBL-2742	0	0	0	0	62.9	0	0	0	0
01JBL-2743	0	0	0	0	163.2	0	0	0	0
01JBL-2744	0	0	0	0	208.4	0	0	0	0
01JBL-2745	0	0	0	0	62.3	0	0	0	0
01JBL-2746	0	0	0	0	60.5	0	0	0	0
01JBL-2747	0	0	0	0	81.4	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-2755	0	0	0	0	10.6	0	0	0	0
01JBL-2756	0	0	0	0	70.0	0	0	0	0
01JBL-2757	0	0	0	0	45.2	0	0	0	0
01JBL-2759	0	0	0	0	57.4	0	0	0	0
01JBL-2760	0	0	0	0	96.3	0	0	0	0
01JBL-2761	0	0	0	0	57.6	0	0	0	0
01JBL-2762	0	0	0	0	23.9	0	0	0	0
01JBL-2764	0	0	0	0	64.2	0	0	0	0
01JBL-2765	0	0	0	0	48.3	0	0	0	0
01JBL-2768	0	0	0	0	80.4	0	0	0	0
01JBL-2769	0	0	0	0	78.3	0	0	0	0
01JBL-2770	1	1	0	0	80.8	36	36	0	0
01JBL-2771	0	0	0	0	73.2	0	0	0	0
01JBL-2772	0	0	0	0	152.9	0	0	0	0
01JBL-2773	0	0	0	0	78.1	0	0	0	0
01JBL-2774	0	0	0	0	53.8	0	0	0	0
01JBL-2775	0	0	0	0	161.9	0	0	0	0
01JBL-2776	0	0	0	0	30.5	0	0	0	0
01JBL-2777	0	0	0	0	123.1	0	0	0	0
01JBL-2778	2	2	0	0	65.9	26	26	0	0
01JBL-2779	0	0	0	0	123.1	0	0	0	0
01JBL-2780	0	0	0	0	82.2	0	0	0	0
01JBL-2781	1	1	0	0	214.9	3	3	0	0
01JBL-2783	1	1	0	0	70.7	9	9	0	0
01JBL-2784	0	0	0	0	80.9	0	0	0	0
01JBL-2785	0	0	0	0	26.3	0	0	0	0
01JBL-2786	0	0	0	0	77.8	0	0	0	0
01JBL-2787	0	0	0	0	80.2	0	0	0	0
01JBL-2788	0	0	0	0	68.5	0	0	0	0
01JBL-2789	0	0	0	0	64.7	0	0	0	0
01JBL-2790	0	0	0	0	30.9	0	0	0	0
01JBL-2791	0	0	0	0	47.8	0	0	0	0
01JBL-2792	0	0	0	0	17.0	0	0	0	0
01JBL-2796	0	0	0	0	8.5	0	0	0	0
01JBL-2797	0	0	0	0	82.0	0	0	0	0
01JBL-2798	0	0	0	0	68.1	0	0	0	0
01JBL-2801	0	0	0	0	219.9	0	0	0	0
01JBL-2802	0	0	0	0	154.1	0	0	0	0
01JBL-2803	0	0	0	0	77.8	0	0	0	0
01JBL-2804	0	0	0	0	40.8	0	0	0	0
01JBL-2805	0	0	0	0	82.5	0	0	0	0
01JBL-2806	0	0	0	0	22.8	0	0	0	0
01JBL-2807	0	0	0	0	62.5	0	0	0	0
01JBL-2808	1	1	0	0	28.1	103	103	0	0
01JBL-2809	0	0	0	0	135.3	0	0	0	0
01JBL-2811	0	0	0	0	18.7	0	0	0	0
01JBL-2812	0	0	0	0	44.6	0	0	0	0
01JBL-2813	0	0	0	0	171.4	0	0	0	0
01JBL-2814	0	0	0	0	22.4	0	0	0	0
01JBL-2815	0	0	0	0	52.3	0	0	0	0
01JBL-2816	0	0	0	0	137.5	0	0	0	0
01JBL-2817	0	0	0	0	67.0	0	0	0	0
01JBL-2818	1	1	0	0	104.2	4	4	0	0
01JBL-2819	0	0	0	0	253.1	0	0	0	0
01JBL-2820	0	0	0	0	168.4	0	0	0	0
01JBL-2821	0	0	0	0	97.4	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-2822	1	1	0	0	157.1	2	2	0	0
01JBL-2825	0	0	0	0	61.2	0	0	0	0
01JBL-2826	0	0	0	0	180.0	0	0	0	0
01JBL-2827	0	0	0	0	133.2	0	0	0	0
01JBL-2829	0	0	0	0	112.7	0	0	0	0
01JBL-2830	0	0	0	0	63.7	0	0	0	0
01JBL-2834	0	0	0	0	58.1	0	0	0	0
01JBL-2835	0	0	0	0	103.4	0	0	0	0
01JBL-2836	0	0	0	0	139.4	0	0	0	0
01JBL-2839	0	0	0	0	54.8	0	0	0	0
01JBL-2840	0	0	0	0	92.3	0	0	0	0
01JBL-2841	0	0	0	0	56.6	0	0	0	0
01JBL-2844	0	0	0	0	93.0	0	0	0	0
01JBL-2845	0	0	0	0	71.4	0	0	0	0
01JBL-2846	0	0	0	0	134.3	0	0	0	0
01JBL-2847	0	0	0	0	31.8	0	0	0	0
01JBL-2852	1	1	0	0	155.8	14	14	0	0
01JBL-2861	0	0	0	0	142.6	0	0	0	0
01JBL-2875	0	0	0	0	160.0	0	0	0	0
01JBL-2877	0	0	0	0	114.5	0	0	0	0
01JBL-2878	0	0	0	0	121.1	0	0	0	0
01JBL-2880	0	0	0	0	79.0	0	0	0	0
01JBL-2881	0	0	0	0	91.3	0	0	0	0
01JBL-2882	0	0	0	0	15.7	0	0	0	0
01JBL-2885	0	0	0	0	105.6	0	0	0	0
01JBL-2886	0	0	0	0	115.3	0	0	0	0
01JBL-2887	0	0	0	0	122.3	0	0	0	0
01JBL-2888	0	0	0	0	88.0	0	0	0	0
01JBL-2890	0	0	0	0	75.1	0	0	0	0
01JBL-2902	0	0	0	0	111.6	0	0	0	0
01JBL-2924	0	0	0	0	51.9	0	0	0	0
01JBL-3001	0	0	0	0	125.3	0	0	0	0
01JBL-3002	0	0	0	0	42.7	0	0	0	0
01JBL-3003	0	0	0	0	36.1	0	0	0	0
01JBL-3006	0	0	0	0	16.6	0	0	0	0
01JBL-3007	0	0	0	0	29.4	0	0	0	0
01JBL-3008	0	0	0	0	60.8	0	0	0	0
01JBL-3009	0	0	0	0	140.6	0	0	0	0
01JBL-3010	0	0	0	0	136.2	0	0	0	0
01JBL-3011	0	0	0	0	46.9	0	0	0	0
01JBL-3012	0	0	0	0	130.8	0	0	0	0
01JBL-3017	0	0	0	0	204.7	0	0	0	0
01JBL-3019	0	0	0	0	167.3	0	0	0	0
01JBL-3022	0	0	0	0	208.8	0	0	0	0
01JBL-3024	0	0	0	0	66.9	0	0	0	0
01JBL-3054	1	1	0	0	184.2	2353	2353	0	0
01JBL-3055	0	0	0	0	148.8	0	0	0	0
01JBL-3056	1	1	0	0	140.6	7	7	0	0
01JBL-3057	0	0	0	0	91.4	0	0	0	0
01JBL-3058	0	0	0	0	75.1	0	0	0	0
01JBL-3059	1	1	0	0	75.8	179	179	0	0
01JBL-3060	0	0	0	0	86.8	0	0	0	0
01JBL-3061	0	0	0	0	74.3	0	0	0	0
01JBL-3062	0	0	0	0	83.4	0	0	0	0
01JBL-3063	0	0	0	0	106.0	0	0	0	0
01JBL-3064	0	0	0	0	93.7	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-3069	0	0	0	0	56.3	0	0	0	0
01JBL-3070	0	0	0	0	74.0	0	0	0	0
01JBL-3071	0	0	0	0	63.8	0	0	0	0
01JBL-3074	0	0	0	0	68.0	0	0	0	0
01JBL-3077	0	0	0	0	93.6	0	0	0	0
01JBL-3078	2	2	0	0	69.6	275	275	0	0
01JBL-3079	1	1	0	0	43.1	265	265	0	0
01JBL-3080	0	0	0	0	86.7	0	0	0	0
01JBL-3081	0	0	0	0	80.3	0	0	0	0
01JBL-3082	0	0	0	0	51.4	0	0	0	0
01JBL-3083	0	0	0	0	127.9	0	0	0	0
01JBL-3084	0	0	0	0	73.1	0	0	0	0
01JBL-3085	1	1	0	0	130.9	22	22	0	0
01JBL-3086	0	0	0	0	20.4	0	0	0	0
01JBL-3087	0	0	0	0	87.4	0	0	0	0
01JBL-3088	0	0	0	0	115.0	0	0	0	0
01JBL-3089	0	0	0	0	48.5	0	0	0	0
01JBL-3090	0	0	0	0	56.1	0	0	0	0
01JBL-3091	3	3	0	0	96.3	17	17	0	0
01JBL-3092	0	0	0	0	67.4	0	0	0	0
01JBL-3093	3	3	0	0	87.6	523	523	0	0
01JBL-3094	2	2	0	0	75.1	4	4	0	0
01JBL-3095	0	0	0	0	83.8	0	0	0	0
01JBL-3096	1	1	0	0	73.6	9	9	0	0
01JBL-3098	0	0	0	0	56.5	0	0	0	0
01JBL-3101	0	0	0	0	79.0	0	0	0	0
01JBL-3102	0	0	0	0	32.4	0	0	0	0
01JBL-3103	0	0	0	0	80.8	0	0	0	0
01JBL-3104	2	2	0	0	273.5	30	30	0	0
01JBL-3105	1	1	0	0	139.1	1	1	0	0
01JBL-3106	1	1	0	0	161.3	4	4	0	0
01JBL-3107	0	0	0	0	68.7	0	0	0	0
01JBL-3108	0	0	0	0	35.4	0	0	0	0
01JBL-3109	0	0	0	0	274.7	0	0	0	0
01JBL-3110	1	1	0	0	55.0	90	90	0	0
01JBL-3111	0	0	0	0	21.0	0	0	0	0
01JBL-3112	0	0	0	0	43.0	0	0	0	0
01JBL-3113	0	0	0	0	77.9	0	0	0	0
01JBL-3115	0	0	0	0	98.6	0	0	0	0
01JBL-3116	0	0	0	0	42.3	0	0	0	0
01JBL-3117	0	0	0	0	109.9	0	0	0	0
01JBL-3118	0	0	0	0	146.8	0	0	0	0
01JBL-3124	0	0	0	0	100.1	0	0	0	0
01JBL-3125	1	1	0	0	81.0	36	36	0	0
01JBL-3126	0	0	0	0	110.8	0	0	0	0
01JBL-3128	0	0	0	0	52.9	0	0	0	0
01JBL-3129	0	0	0	0	26.7	0	0	0	0
01JBL-3130	0	0	0	0	93.6	0	0	0	0
01JBL-3132	0	0	0	0	119.7	0	0	0	0
01JBL-3133	1	1	0	0	161.2	6	6	0	0
01JBL-3134	0	0	0	0	188.2	0	0	0	0
01JBL-3136	0	0	0	0	104.0	0	0	0	0
01JBL-3137	0	0	0	0	236.4	0	0	0	0
01JBL-3139	1	1	0	0	90.0	4	4	0	0
01JBL-3140	0	0	0	0	32.9	0	0	0	0
01JBL-3141	0	0	0	0	76.3	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-3142	0	0	0	0	102.6	0	0	0	0
01JBL-3143	0	0	0	0	60.5	0	0	0	0
01JBL-3144	0	0	0	0	161.6	0	0	0	0
01JBL-3145	0	0	0	0	79.3	0	0	0	0
01JBL-3146	0	0	0	0	262.1	0	0	0	0
01JBL-3147	0	0	0	0	152.6	0	0	0	0
01JBL-3148	0	0	0	0	76.2	0	0	0	0
01JBL-3149	0	0	0	0	114.1	0	0	0	0
01JBL-3150	0	0	0	0	83.2	0	0	0	0
01JBL-3151	0	0	0	0	198.0	0	0	0	0
01JBL-3152	0	0	0	0	91.3	0	0	0	0
01JBL-3153	0	0	0	0	91.3	0	0	0	0
01JBL-3155	0	0	0	0	65.5	0	0	0	0
01JBL-3156	0	0	0	0	67.7	0	0	0	0
01JBL-3157	0	0	0	0	46.8	0	0	0	0
01JBL-3158	0	0	0	0	51.5	0	0	0	0
01JBL-3159	0	0	0	0	25.3	0	0	0	0
01JBL-3160	0	0	0	0	89.0	0	0	0	0
01JBL-3161	0	0	0	0	133.6	0	0	0	0
01JBL-3162	0	0	0	0	158.0	0	0	0	0
01JBL-3163	0	0	0	0	49.6	0	0	0	0
01JBL-3164	0	0	0	0	53.5	0	0	0	0
01JBL-3165	2	2	0	0	110.8	54	54	0	0
01JBL-3166	1	1	0	0	51.6	41	41	0	0
01JBL-3167	0	0	0	0	98.0	0	0	0	0
01JBL-3168	0	0	0	0	48.9	0	0	0	0
01JBL-3171	0	0	0	0	83.0	0	0	0	0
01JBL-3172	0	0	0	0	115.9	0	0	0	0
01JBL-3173	0	0	0	0	130.7	0	0	0	0
01JBL-3178	0	0	0	0	70.8	0	0	0	0
01JBL-3179	0	0	0	0	57.7	0	0	0	0
01JBL-3180	1	1	0	0	35.7	2	2	0	0
01JBL-3181	0	0	0	0	123.8	0	0	0	0
01JBL-3182	0	0	0	0	94.3	0	0	0	0
01JBL-3183	1	1	0	0	73.8	29	29	0	0
01JBL-3185	0	0	0	0	90.1	0	0	0	0
01JBL-3187	0	0	0	0	68.2	0	0	0	0
01JBL-3189	1	1	0	0	138.4	7	7	0	0
01JBL-3191	2	2	0	0	196.2	373	373	0	0
01JBL-3193	1	1	0	0	147.4	0	0	0	0
01JBL-3195	0	0	0	0	160.0	0	0	0	0
01JBL-3196	0	0	0	0	156.8	0	0	0	0
01JBL-3197	0	0	0	0	175.5	0	0	0	0
01JBL-3198	0	0	0	0	163.9	0	0	0	0
01JBL-3199	2	2	0	0	106.9	94	94	0	0
01JBL-3200	2	2	0	0	59.0	109	109	0	0
01JBL-3201	0	0	0	0	66.2	0	0	0	0
01JBL-3202	0	0	0	0	178.0	0	0	0	0
01JBL-3206	0	0	0	0	89.6	0	0	0	0
01JBL-3212	0	0	0	0	121.6	0	0	0	0
01JBL-3213	0	0	0	0	143.3	0	0	0	0
01JBL-3214	1	1	0	0	241.3	3	3	0	0
01JBL-3215	0	0	0	0	190.8	0	0	0	0
01JBL-3217	0	0	0	0	133.9	0	0	0	0
01JBL-3218	0	0	0	0	116.7	0	0	0	0
01JBL-3219	0	0	0	0	199.5	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-3220	1	1	0	0	60.4	3	3	0	0
01JBL-3221	0	0	0	0	135.4	0	0	0	0
01JBL-3222	1	1	0	0	150.8	7	7	0	0
01JBL-3223	0	0	0	0	201.7	0	0	0	0
01JBL-3224	1	1	0	0	42.4	15	15	0	0
01JBL-3225	0	0	0	0	123.9	0	0	0	0
01JBL-3226	1	1	0	0	124.6	17	17	0	0
01JBL-3238	0	0	0	0	83.1	0	0	0	0
01JBL-3253	1	1	0	0	46.8	1898	1898	0	0
01JBL-3255	0	0	0	0	82.1	0	0	0	0
01JBL-3256	0	0	0	0	30.2	0	0	0	0
01JBL-3257	0	0	0	0	44.8	0	0	0	0
01JBL-3258	1	1	0	0	73.1	14	14	0	0
01JBL-3259	0	0	0	0	123.8	0	0	0	0
01JBL-3260	0	0	0	0	96.2	0	0	0	0
01JBL-3264	0	0	0	0	94.0	0	0	0	0
01JBL-3265B	1	1	0	0	68.0	56	56	0	0
01JBL-3266	0	0	0	0	165.4	0	0	0	0
01JBL-3270	0	0	0	0	126.1	0	0	0	0
01JBL-3271	0	0	0	0	136.1	0	0	0	0
01JBL-3272	0	0	0	0	98.3	0	0	0	0
01JBL-3273	0	0	0	0	48.5	0	0	0	0
01JBL-3291	0	0	0	0	128.7	0	0	0	0
01JBL-3293	0	0	0	0	141.6	0	0	0	0
01JBL-3296	0	0	0	0	31.3	0	0	0	0
01JBL-3297	0	0	0	0	117.7	0	0	0	0
01JBL-3298	1	1	0	0	73.0	130	130	0	0
01JBL-3299	0	0	0	0	56.7	0	0	0	0
01JBL-3300	0	0	0	0	148.1	0	0	0	0
01JBL-3307	0	0	0	0	74.2	0	0	0	0
01JBL-3308	0	0	0	0	88.7	0	0	0	0
01JBL-3311	0	0	0	0	8.7	0	0	0	0
01JBL-3331	1	1	0	0	200.5	14	14	0	0
01JBL-3332	0	0	0	0	76.8	0	0	0	0
01JBL-3333	0	0	0	0	70.4	0	0	0	0
01JBL-3334	0	0	0	0	42.3	0	0	0	0
01JBL-3335	0	0	0	0	41.2	0	0	0	0
01JBL-3336	2	2	0	0	112.4	11	11	0	0
01JBL-3337	0	0	0	0	41.1	0	0	0	0
01JBL-3339	1	1	0	0	35.0	109	109	0	0
01JBL-3340	2	2	0	0	72.6	30	30	0	0
01JBL-3341	0	0	0	0	111.0	0	0	0	0
01JBL-3342	0	0	0	0	119.1	0	0	0	0
01JBL-3343	1	1	0	0	53.8	0	0	0	0
01JBL-3344	0	0	0	0	66.0	0	0	0	0
01JBL-3345	0	0	0	0	52.0	0	0	0	0
01JBL-3346	0	0	0	0	67.7	0	0	0	0
01JBL-3347	2	2	0	0	109.8	6	6	0	0
01JBL-3348	3	2	1	0	107.2	59	13	46	0
01JBL-3349	1	1	0	0	111.6	26	26	0	0
01JBL-3350	1	1	0	0	78.4	5	5	0	0
01JBL-3351	0	0	0	0	4.8	0	0	0	0
01JBL-3368	1	1	0	0	51.7	7	7	0	0
01JBL-3373	0	0	0	0	94.4	0	0	0	0
01JBL-3374	0	0	0	0	103.7	0	0	0	0
01JBL-3375	0	0	0	0	53.1	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-3376	0	0	0	0	56.9	0	0	0	0
01JBL-3377	0	0	0	0	54.1	0	0	0	0
01JBL-3378	0	0	0	0	34.6	0	0	0	0
01JBL-3379	0	0	0	0	77.9	0	0	0	0
01JBL-3380	0	0	0	0	33.5	0	0	0	0
01JBL-3381	0	0	0	0	55.6	0	0	0	0
01JBL-3382	0	0	0	0	94.9	0	0	0	0
01JBL-3383	0	0	0	0	46.3	0	0	0	0
01JBL-3384	3	3	0	0	127.1	21	21	0	0
01JBL-3385	0	0	0	0	69.7	0	0	0	0
01JBL-3386	0	0	0	0	77.3	0	0	0	0
01JBL-3387	0	0	0	0	78.8	0	0	0	0
01JBL-3388	0	0	0	0	76.8	0	0	0	0
01JBL-3401	2	2	0	0	172.2	12	12	0	0
01JBL-3402	0	0	0	0	52.7	0	0	0	0
01JBL-3403	2	0	0	2	41.7	3	0	0	3
01JBL-3404	0	0	0	0	85.2	0	0	0	0
01JBL-3405	0	0	0	0	47.7	0	0	0	0
01JBL-3406	0	0	0	0	93.6	0	0	0	0
01JBL-5001	0	0	0	0	18.3	0	0	0	0
01JBL-5002	0	0	0	0	52.3	0	0	0	0
01JBL-5003	1	1	0	0	38.9	5	5	0	0
01JBL-5004	0	0	0	0	37.3	0	0	0	0
01JBL-5005	0	0	0	0	52.4	0	0	0	0
01JBL-5006	0	0	0	0	14.7	0	0	0	0
01JBL-5007	0	0	0	0	76.4	0	0	0	0
01JBL-5008	0	0	0	0	20.9	0	0	0	0
01JBL-5009	0	0	0	0	65.8	0	0	0	0
01JBL-5010	1	1	0	0	118.6	24	24	0	0
01JBL-5011	0	0	0	0	43.1	0	0	0	0
01JBL-5012	0	0	0	0	20.8	0	0	0	0
01JBL-5013	0	0	0	0	24.7	0	0	0	0
01JBL-5014	0	0	0	0	91.8	0	0	0	0
01JBL-5015	0	0	0	0	56.7	0	0	0	0
01JBL-5016	0	0	0	0	103.2	0	0	0	0
01JBL-5017	0	0	0	0	142.7	0	0	0	0
01JBL-5018	0	0	0	0	181.8	0	0	0	0
01JBL-5019	0	0	0	0	42.7	0	0	0	0
01JBL-5022	0	0	0	0	30.6	0	0	0	0
01JBL-5023	1	1	0	0	82.6	5	5	0	0
01JBL-5024	0	0	0	0	46.3	0	0	0	0
01JBL-5025	0	0	0	0	66.6	0	0	0	0
01JBL-5026	2	2	0	0	114.2	56	56	0	0
01JBL-5027	0	0	0	0	87.2	0	0	0	0
01JBL-5028	0	0	0	0	108.1	0	0	0	0
01JBL-5029	0	0	0	0	62.5	0	0	0	0
01JBL-5030	0	0	0	0	61.5	0	0	0	0
01JBL-5031	0	0	0	0	101.6	0	0	0	0
01JBL-5032	0	0	0	0	36.3	0	0	0	0
01JBL-5033	0	0	0	0	68.0	0	0	0	0
01JBL-5501	0	0	0	0	110.0	0	0	0	0
01JBL-5502	0	0	0	0	82.9	0	0	0	0
01JBL-5503	0	0	0	0	124.0	0	0	0	0
01JBL-5504	0	0	0	0	90.3	0	0	0	0
01JBL-5505	0	0	0	0	46.0	0	0	0	0
01JBL-5506	0	0	0	0	97.8	0	0	0	0

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
01JBL-5507	0	0	0	0	82.0	0	0	0	0
01JBL-5508	0	0	0	0	57.0	0	0	0	0
01JBL-5509	0	0	0	0	58.2	0	0	0	0
01JBL-5510	0	0	0	0	8.9	0	0	0	0
01JBL-5511	0	0	0	0	31.5	0	0	0	0
01JBL-5512	1	1	0	0	114.5	19	19	0	0
01JBL-5513	1	1	0	0	67.2	73	73	0	0
01JBL-5516	4	3	1	0	157.4	119	118	1	0
01JBL-5517	1	1	0	0	125.6	1	1	0	0
01JBL-5518	1	1	0	0	92.4	1	1	0	0
01JBL-5519	0	0	0	0	40.0	0	0	0	0
01JBL-5520	3	3	0	0	97.1	18	18	0	0
01JBL-5521	0	0	0	0	43.0	0	0	0	0
01JBL-5522	3	3	0	0	73.0	24	24	0	0
01JBL-5523	0	0	0	0	154.3	0	0	0	0
01JBL-5524	0	0	0	0	46.9	0	0	0	0
01JBL-5525	0	0	0	0	45.9	0	0	0	0
01JBL-5526	2	2	0	0	41.9	7	7	0	0
01JBL-5527	1	1	0	0	32.9	6	6	0	0
01JBL-5528	0	0	0	0	65.6	0	0	0	0

Metric Conversion Table

Conversion from SI to Imperial			Conversion from Imperial to SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
		AREA			
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm^3	0.061 023	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.307 951	cubic yards	1 cubic yard	0.764 554 86	m^3
		CAPACITY			
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
		MASS			
1 g	0.035 273 962	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 747	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 622 6	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311 3	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 90**	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

	Multiplied by	
1 ounce (troy) per ton (short)	31.103 477	grams per ton (short)
1 gram per ton (short)	0.032 151	ounces (troy) per ton (short)
1 ounce (troy) per ton (short)	20.0	pennyweights per ton (short)
1 pennyweight per ton (short)	0.05	ounces (troy) per ton (short)

Note: Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries, published by the Mining Association of Canada in co-operation with the Coal Association of Canada.

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